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| Project | **Specification of Sensor Interface for Cyber and Physical World**<<http://subgroup.ieee.org/2888/> **>>** |
| Title | **Syntax and semantics of common types for sensor data** |
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| Re: |  |
| Abstract | This contribution illustrates the basic JSON schema structure for representing common types for sensor information in the physical world in a standardized data format. The semantics and examples of the environmental sensor information are presented.  |
| Purpose | To start discussion on purpose of the standard |
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#  Data formats for common types

## float3DVectorType

### General

This sub-clause specifies a data type, which describes a float 3D vector.

### Syntax

|  |
| --- |
| "float3DVectorType": { "type": "array", "items": { "type": "number" }, "minItems": 3, "maxItems": 3 }, |

### Semantics

## unitType

### General

This sub-clause specifies a data type, which describes units.

### Syntax

|  |
| --- |
| "unitType": { "type": "string", "enum": [ “micrometer”, “mm”, “cm”, "meter", “km”, “inch”, “yard”, “mile”, “mg”, "gram", “kilogram”, “ton”, "meterpersec", “kmperhour”, “hPa”, "newton", "hz", “khz”, “mhz”, “ghz”, "volt", "watt", “ampere”, "lux",“celsius”, “fahrenheit”, “radian”, "degree", "ppm" ] }, |

### Semantics

Semantics of the unitType:

|  |  |
| --- | --- |
| Name | Definition |
| micrometer | A unit of length or distance equal to one millionth of a meter. |
| mm | A unit of length or distance equal to one thousandth of a meter. |
| cm | A unit of length or distance equal to one hundredth of a meter. |
| meter | The basic unit of length in International System of Units. |
| km | A unit of length or distance equal to one thousand meter. |
| inch | A unit of length or distance equal to 0.0254 meter. |
| yard | A unit of length or distance equal to 0.9144 meter. |
| mile | A unit of length or distance equal to 1609.344 meter. |
| mg | A unit of mass or weight equal to one millionth of a kilogram. |
| gram | A unit of mass or weight equal to one thousandth of a kilogram. |
| kg | The base unit of mass in International System of Units. |
| ton | A unit of mass or weight equal to a thousand kilogram |
| meterpersec | The SI coherent derived unit of velocity in International System of Units. |
| kmperhour | A unit of velocity equal to a thousand meter per hour. |
| hPa | A unit for pressure, which is equal to 100 pascal. |
| newton | The SI coherent derived unit of force in International System of Units, which is equal to one kilogram-meter per second squared. |
| hz | The derived unit of frequency in International System of Units, which is equal to one over second. |
| khz | A unit of frequency equal to a thousand Hertz. |
| mhz | A unit of frequency equal to a million Hertz. |
| ghz | A unit of frequency equal to a billion Hertz. |
| volt | The SI coherent derived unit of electric potential difference or electromotive force in International System of Units, which is equal to one kilogram-square meter per second cubed-ampere. |
| watt | The SI coherent derived unit of power or radiant flux in International System of Units, which is equal to one kilogram-square meter per second cubed. |
| ampere | The basic unit of electric current in International System of Units. |
| lux | The SI coherent derived unit of illuminance in International System of Units, which is equal to one candela per square meter. |
| celsius | The SI coherent derived unit of Celsius temperature in International System of Units. |
| fahrenheit | A unit of temperature which is equal to a Celius temperature times nine fifths plus thirty-two. |
| radian | The SI coherent derived unit of plane angle in International System of Units. |
| degree | A unit of plane angle which is equal to pi over hundred-eighty radian (pi is a mathematical constant whose value is the ratio of any circle’s circumference to its diameter in Euclidean space) |
| ppm | A unit of a way of quantifying small concentrations, equal to part(s) per million. |

## colorType

### General

This sub-clause specifies a data type, which describes the type of colors.

### Syntax

|  |
| --- |
| "colorType": { "type": "string", "enum": [ "alice\_blue", "alizarin", "amaranth", "amaranth\_pink", "amber", "amethyst", "apricot", "aqua", "aquamarine""army\_green", "asparagus", "atomic\_tangerine", "auburn", "azure\_color\_wheel", "azure\_web", "baby\_blue", "beige", "bistre","black", "blue", "blue\_pigment", "blue\_ryb", "blue-green", "blue-violet", "bondi\_blue", "brass", "bright\_green""bright\_pink", "bright\_turquoise", "brilliant\_rose", "brink\_pink", "bronze", "brown", "buff", "burgundy", "burnt\_orange","burnt\_sienna", "burnt\_umber", "camouflage\_green", "caput\_mortuum", "cardinal", "carmine", "carmine\_pink", "carnation\_pink", "carolina\_blue""carrot\_orange", "celadon", "cerise", "cerise\_pink", "cerulean", "cerulean\_blue", "champagne", "charcoal", "chartreuse\_traditional","chartreuse\_web", "cherry\_blossom\_pink", "chestnut", "chocolate", "cinnabar", "cinnamon", "cobalt", "columbia\_blue", "copper""copper\_rose", "coral", "coral\_pink", "coral\_red", "corn", "cornflower\_blue", "cosmic\_latte", "cream", "crimson", "cyan", "cyan\_process", "dark\_blue", "dark\_brown", "dark\_cerulean", "dark\_chestnut", "dark\_coral", "dark\_goldenrod", "dark\_green""dark\_kahki", "dark\_magenta", "dark\_pastel\_green", "dark\_pink", "dark\_scarlet", "dark\_salmon", "dark\_slate\_gray", "dark\_spring\_green", "dark\_tan","dark\_turquoise", "dark\_violet", "deep\_carmine\_pink", "deep\_cerise", "deep\_chestnut", "deep\_fuchsia", "deep\_lilac", "deep\_magenta", "deep\_peach""deep\_pink", "denim", "dodger\_blue", "ecru", "Egyptian\_blue", "electric\_blue", "electric\_green\_x11\_green", "electric\_indigo", "electric\_lime","electric\_purple", "emerald", "eggplant", "falu\_red", "fern\_green", "firebrick", "flax", "forest\_green", "french\_rose""fuchsia", "fuchsia\_pink", "gamboge", "gold\_metallic", "gold\_web\_golden", "golden\_brown", "golden\_yellow", "goldenrod", "grey-asparagus","green\_color\_wheel\_x11\_green", "green\_pigment", "green\_ryb", "green\_yellow", "grey", "han\_purple", "harlequin", "heliotrope", "hollywood\_cerise""hot\_magenta", "hot\_pink", "indigo\_dye", "indigo\_web", "international\_klein\_blue", "international\_orange", "islamic\_green", "ivory", "jade","kelly\_green", "khaki", "khaki\_x11\_light\_khaki", "lavender\_floral", "lavender\_web", "lavender\_blue", "lavender\_blush", "lavender\_grey", "lavender\_magenta""lavender\_pink", "lavender\_purple", "lavender\_rose", "lawn\_green", "lemon", "lemon\_chiffon", "light\_blue", "light\_pink", "lilac","lime\_color\_wheel", "lime\_web\_x11\_green", "lime\_green", "linen", "magenta", "magenta\_dye", "magenta\_process", "magic\_mint", "magnolia""malachite", "maroon\_html/css", "marron\_x11", "maya\_blue", "mauve", "mauve\_taupe", "medium\_blue", "medium\_carmine", "medium\_lavender\_magenta","medium\_purple", "medium\_spring\_green", "midnight\_blue", "midnight\_green\_eagle\_green", "mint\_green", "misty\_rose", "moss\_green", "mountbatten\_pink", "mustard""myrtle", "navajo\_white", "navy\_blue", "ochre", "office\_green", "old\_gold", "old\_lace", "old\_lavender", "old\_rose","olive", "olive\_drab", "olivine", "orange\_color\_wheel", "orange\_ryb", "orange\_web", "orange-red", "orchid", "pale\_blue""pale\_brown", "pale\_carmine", "pale\_chestnut", "pale\_cornflower\_blue", "pale\_magenta", "pale\_pink", "pale\_red-violet", "papaya\_whip", "pastel\_green", "pastel\_pink", "peach", "peach-orange", "peach-yellow", "pear", "periwinkle", "persian\_blue", "persian\_green", "persian\_indigo""persian\_orange", "persian\_red", "persian\_pink", "persian\_rose", "persimmon", "pine\_green", "pink", "pink-orange", "platinum","plum\_web", "powder\_blue\_web", "puce", "prussian\_blue", "psychedelic\_purple", "pumpkin", "purple\_html/css", "purple\_x11", "purple\_taupe""raw\_umber", "razzmatazz", "red", "red\_pigment", "red\_ryb", "red-violet", "rich\_carmine", "robin\_egg\_blue", "rose","rose\_madder", "rose\_taupe", "royal\_blue", "royal\_purple", "ruby", "russet", "rust", "safety\_orange\_blaze\_orange", "saffron""salmon", "sandy\_brown", "sangria", "sapphire", "scarlet", "school\_bus\_yellow", "sea\_green", "seashell", "selective\_yellow","sepia", "shamrock\_green", "shocking\_pink", "silver", "sky\_blue", "slate\_grey", "smalt\_dark\_powder\_blue", "spring\_bud", "spring\_green""steel\_blue", "tan", "tangerine", "tangerine\_yellow", "taupe", "tea\_green", "tea\_rose\_orange", "tea\_rose\_rose", "teal","tenné\_tawny", "terra\_cotta", "thistle", "tomato", "turquoise", "tyrian\_purple", "ultramarine", "ultra\_pink", "united\_nation\_blue""vegas\_gold", "vermillion", "violet", "violet\_web", "violet\_ryb", "viridian", "wheat", "white", "wisteria","yellow", "yellow\_process", "yellow\_ryb", "yellow\_green", ] } |

### Semantics

Semantics of the colorType:

|  |  |
| --- | --- |
| Name | Definition |
| alice\_blue | Describes the color Alice blue. Hex: #F0F8FF; RGB: 240, 248, 255; HSV: 208°, 6%, 100%. |
| alizarin | Describes the color Alizarin. Hex: #E32636; RGB: 227, 38, 54; HSV: 355°, 83%, 89%. |
| amaranth | Describes the color Amaranth. Hex: #E52B50; RGB: 229, 43, 80; HSV: 345°, 78%, 64%. |
| amaranth\_pink | Describes the color Amaranth. Hex: #E52B50; RGB: 229, 43, 80; HSV: 345°, 78%, 64%. |
| amber | Describes the color Amber. Hex: #FFBF00; RGB: 255, 191, 0; HSV: 45°, 100%, 100%. |
| amethyst | Describes the color Amethyst. Hex: #9966CC; RGB: 153, 102, 204; HSV: 270°, 50%, 80%. |
| apricot | Describes the color Apricot. Hex: #FBCEB1; RGB: 251, 206, 177; HSV: 30°, 25%, 87%. |
| aqua | Describes the color Aqua. Hex: #00FFFF; RGB: 0, 255, 255; HSV: 180°, 100%, 100%. |
| aquamarine | Describes the color Aquamarine. Hex: #7FFFD4; RGB: 127, 255, 212; HSV: 160°, 50%, 100%. |
| army\_green | Describes the color Army green. Hex: #4B5320; RGB: 75, 83, 32; HSV: 46°, 106%, 54%. |
| asparagus | Describes the color Asparagus. Hex: #7BA05B; RGB: 123, 160, 91; HSV: 92°, 43%, 63%. |
| atomic\_tangerine | Describes the color Atomic tangerine. Hex: #FF9966; RGB: 255, 153, 102; HSV: 20°, 100%, 75%. |
| auburn | Describes the color Auburn. Hex: #6D351A; RGB: 111, 53, 26; HSV: 7°, 67%, 45%. |
| azure\_color\_wheel | Describes the color Azure (color wheel). Hex: #007FFF; RGB: 0, 127, 255; HSV: 210°, 100%, 50%. |
| azure\_web | Describes the color Azure (web). Hex: #F0FFFF; RGB: 240, 255, 255; HSV: 210°, 100%, 98%. |
| baby\_blue | Describes the color Baby blue. Hex: #E0FFFF; RGB: 224, 255, 255; HSV: 180°, 12%, 100%. |
| beige | Describes the color Beige. Hex: #F5F5DC; RGB: 245, 245, 220; HSV: 60°, 10%, 96%. |
| bistre | Describes the color Bistre. Hex: #3D2B1F; RGB: 61, 43, 31; HSV: 24°, 49%, 24%. |
| black | Describes the color Black. Hex: #000000; RGB: 0, 0, 0; HSV: 0°, 0%, 0%. |
| blue | Describes the color Blue. Hex: #0000FF; RGB: 0, 0, 255; HSV: 240°, 100%, 100%. |
| blue\_pigment | Describes the color Blue (pigment). Hex: #333399; RGB: 51, 51, 153; HSV: 240°, 50%, 35%. |
| blue\_ryb | Describes the color Blue (RYB). Hex: #0247FE; RGB: 2, 71, 254; HSV: 240°, 100%, 82%. |
| blue-green | Describes the color Blue-green. Hex: #00DDDD; RGB: 0, 223, 223; HSV: 180°, 100%, 50%. |
| blue-violet | Describes the color Blue-violet. Hex: #8A2BE2; RGB: 138, 43, 226; HSV: 271°, 81%, 42%. |
| bondi\_blue | Describes the color Bondi blue. Hex: #0095B6; RGB: 0, 149, 182; HSV: 191°, 100%, 71%. |
| brass | Describes the color Brass. Hex: #B5A642; RGB: 181, 166, 66; HSV: 37°, 119%, 124%. |
| bright\_green | Describes the color Bright green. Hex: #66FF00; RGB: 102, 255, 0; HSV: 96°, 100%, 100%. |
| bright\_pink | Describes the color Bright pink. Hex: #FF007F; RGB: 255, 0, 127; HSV: 330°, 100%, 100%. |
| bright\_turquoise | Describes the color Bright turquoise. Hex: #08E8DE; RGB: 8, 232, 222; HSV: 177°, 97%, 91%. |
| brilliant\_rose | Describes the color Brilliant rose. Hex: #FF55A3; RGB: 255, 85, 163; HSV: 330°, 75%, 84%. |
| brink\_pink | Describes the color Brink Pink. Hex: #FB607F; RGB: 251, 96, 127; HSV: 333°, 88%, 80%. |
| bronze | Describes the color Bronze. Hex: #CD7F32; RGB: 205, 127, 50; HSV: 21°, 155%, 128%. |
| brown | Describes the color Brown. Hex: #964B00; RGB: 150, 75, 0; HSV: 30°, 100%, 59%. |
| buff | Describes the color Buff. Hex: #F0DC82; RGB: 240, 220, 130; HSV: 49°, 46%, 94%. |
| burgundy | Describes the color Burgundy. Hex: #900020; RGB: 128, 0, 32; HSV: 345°, 50%, 50%. |
| burnt\_orange | Describes the color Burnt orange. Hex: #CC5500; RGB: 204, 85, 0; HSV: 25°, 100%, 80%. |
| burnt\_sienna | Describes the color Burnt sienna. Hex: #E97451; RGB: 233, 116, 81; HSV: 14°, 65%, 91%. |
| burnt\_umber | Describes the color Burnt umber. Hex: #8A3324; RGB: 138, 51, 36; HSV: 9°, 74%, 54%. |
| camouflage\_green | Describes the color Camouflage green. Hex: #78866B; RGB: 120, 134, 107; HSV: 91°, 20%, 53%. |
| caput\_mortuum | Describes the color Caput Mortuum. Hex: #592720; RGB: 89, 39, 32; HSV: 7°, 64%, 35%. |
| cardinal | Describes the color Cardinal. Hex: #C41E3A; RGB: 196, 30, 58; HSV: 350°, 85%, 77%. |
| carmine | Describes the color Carmine. Hex: #960018; RGB: 150, 0, 24; HSV: 350°, 100%, 59%. |
| carmine\_pink | Describes the color Carmine Pink. Hex: #EB4C42; RGB: 235, 76, 66; HSV: 0°, 75%, 80%. |
| carnation\_pink | Describes the color Carnation pink. Hex: #FFA6C9; RGB: 255, 166, 201; HSV: 330°, 100%, 80%. |
| carolina\_blue | Describes the color Carolina blue. Hex: #99BADD; RGB: 156, 186, 227; HSV: 210.9°, 30.8%, 86.7%. |
| carrot\_orange | Describes the color Carrot orange. Hex: #ED9121; RGB: 237, 145, 33; HSV: 33°, 86%, 93%. |
| celadon | Describes the color Celadon. Hex: #ACE1AF; RGB: 172, 225, 175; HSV: 123°, 24%, 88%. |
| cerise | Describes the color Cerise. Hex: #DE3163; RGB: 222, 49, 99; HSV: 343°, 78%, 87%. |
| cerise\_pink | Describes the color Cerise Pink. Hex: #EC3B83; RGB: 236, 59, 131; HSV: 343°, 70%, 89%. |
| cerulean | Describes the color Cerulean. Hex: #007BA7; RGB: 0, 123, 167; HSV: 196°, 100%, 65%. |
| cerulean\_blue | Describes the color Cerulean blue. Hex: #2A52BE; RGB: 42, 82, 190; HSV: 224°, 78%, 75%. |
| champagne | Describes the color Champagne. Hex: #F7E7CE; RGB: 247, 231, 206; HSV: 37°, 17%, 97%. |
| charcoal | Describes the color Charcoal. Hex: #464646; RGB: 70, 70, 70; HSV: 170°, 0%, 70%. |
| chartreuse\_traditional | Describes the color Chartreuse (traditional). Hex: #DFFF00; RGB: 223, 255, 0; HSV: 67.5°, 100%, 100%. |
| chartreuse\_web | Describes the color Chartreuse (web). Hex: #7FFF00; RGB: 127, 255, 0; HSV: 90°, 100%, 100%. |
| cherry\_blossom\_pink | Describes the color Cherry blossom pink. Hex: #FFB7C5; RGB: 255, 183, 197; HSV: 350°, 100%, 84%. |
| chestnut | Describes the color Chestnut. Hex: #CD5C5C; RGB: 205, 92, 92; HSV: 0°, 55%, 80%. |
| chocolate | Describes the color Chocolate. Hex: #7B3F00; RGB: 123, 63, 0; HSV: 31°, 100%, 48%. |
| cinnabar | Describes the color Cinnabar. Hex: #E34234; RGB: 227, 66, 52; HSV: 5°, 77%, 89%. |
| cinnamon | Describes the color Cinnamon. Hex: #D2691E; RGB: 210, 105, 30; HSV: 25°, 86%, 82%. |
| cobalt | Describes the color Cobalt. Hex: #0047AB; RGB: 0, 71, 171; HSV: 215°, 100%, 67%. |
| columbia\_blue | Describes the color Columbia blue. Hex: #9BDDFF; RGB: 155, 221, 255; HSV: 200°, 39%, 100%. |
| copper | Describes the color Copper. Hex: #B87333; RGB: 184, 115, 51; HSV: 29°, 72%, 72%. |
| copper\_rose | Describes the color Copper rose. Hex: #996666; RGB: 153, 102, 102; HSV: 344°, 35%, 57%. |
| coral | Describes the color Coral. Hex: #FF7F50; RGB: 255, 127, 80; HSV: 16°, 69%, 100%. |
| coral\_pink | Describes the color Coral pink. Hex: #F88379; RGB: 248, 131, 121; HSV: 16°, 69%, 100%. |
| coral\_red | Describes the color Coral red. Hex: #FF4040; RGB: 255, 64, 64; HSV: 3°, 82%, 100%. |
| corn | Describes the color Corn. Hex: #FBEC5D; RGB: 251, 236, 93; HSV: 54°, 63%, 98%. |
| cornflower\_blue | Describes the color Cornflower blue. Hex: #6495ED; RGB: 100, 149, 237; HSV: 219°, 58%, 93%. |
| cosmic\_latte | Describes the color Cosmic latte. Hex: #FFF8E7; RGB: 255, 248, 231; HSV: 40°, 94%, 90%. |
| cream | Describes the color Cream. Hex: #FFFDD0; RGB: 255, 253, 208; HSV: 57°, 18%, 100%. |
| crimson | Describes the color Crimson. Hex: #DC143C; RGB: 220, 20, 60; HSV: 348°, 91%, 86%. |
| cyan | Describes the color Cyan. Hex: #00FFFF; RGB: 0, 255, 255; HSV: 180°, 100%, 100%. |
| cyan\_process | Describes the color Cyan (process). Hex: #00B7EB; RGB: 0, 180, 247; HSV: 180°, 100%, 97%. |
| dark\_blue | Describes the color Dark blue. Hex: #00008B; RGB: 0, 0, 139; HSV: 240°, 100%, 25%. |
| dark\_brown | Describes the color Dark brown. Hex: #654321; RGB: 101, 67, 33; HSV: 30°, 67%, 40%. |
| dark\_cerulean | Describes the color Dark cerulean. Hex: #08457E; RGB: 8, 69, 126; HSV: 209°, 94%, 49%. |
| dark\_chestnut | Describes the color Dark chestnut. Hex: #986960; RGB: 152, 105, 96; HSV: 10°, 37%, 60%. |
| dark\_coral | Describes the color Dark coral. Hex: #CD5B45; RGB: 205, 91, 69; HSV: 10°, 66%, 80%. |
| dark\_goldenrod | Describes the color Dark goldenrod. Hex: #B8860B; RGB: 184, 134, 11; HSV: 43°, 94%, 72%. |
| dark\_green | Describes the color Dark green. Hex: #013220; RGB: 1, 50, 32; HSV: 158°, 98%, 20%. |
| dark\_khaki | Describes the color Dark khaki. Hex: #BDB76B; RGB: 189, 183, 107; HSV: 56°, 43%, 74%. |
| dark\_magenta | Describes the color Dark magenta. Hex: #8B008B; RGB: 139, 0, 139; HSV: 300°, 33%, 25%. |
| dark\_pastel\_green | Describes the color Dark pastel green. Hex: #03C03C; RGB: 3, 192, 60; HSV: 138°, 98%, 75%. |
| dark\_pink | Describes the color Dark pink. Hex: #E75480; RGB: 231, 84, 128; HSV: 342°, 64%, 91%. |
| dark\_scarlet | Describes the color Dark scarlet. Hex: #560319; RGB: 86, 3, 25; HSV: 8°, 100%, 13%. |
| dark\_salmon | Describes the color Dark salmon. Hex: #E9967A; RGB: 233, 150, 122; HSV: 15°, 48%, 91%. |
| dark\_slate\_gray | Describes the color Dark slate gray. Hex: #2F4F4F; RGB: 47, 79, 79; HSV: 180°, 41%, 31%. |
| dark\_spring\_green | Describes the color Dark spring green. Hex: #177245; RGB: 23, 114, 69; HSV: 150°, 80%, 45%. |
| dark\_tan | Describes the color Dark tan. Hex: #918151; RGB: 145, 129, 81; HSV: 45°, 44%, 57%. |
| dark\_turquoise | Describes the color Dark turquoise. Hex: #00CED1; RGB: 0, 206, 209; HSV: 175°, 40%, 94%. |
| dark\_violet | Describes the color Dark violet. Hex: #9400D3; RGB: 148, 0, 211; HSV: 282°, 40%, 40%. |
| deep\_carmine\_pink | Describes the color Deep Carmine Pink. Hex: #EF3038; RGB: 239, 48, 56; HSV: 10°, 80%, 80%. |
| deep\_cerise | Describes the color Deep cerise. Hex: #DA3287; RGB: 218, 50, 135; HSV: 317°, 57%, 62%. |
| deep\_chestnut | Describes the color Deep chestnut. Hex: #B94E48; RGB: 185, 78, 72; HSV: 0°, 50%, 75%. |
| deep\_fuchsia | Describes the color Deep fuchsia. Hex: #C154C1; RGB: 193, 84, 193; HSV: 300°, 67%, 72%. |
| deep\_lilac | Describes the color Deep lilac. Hex: #9955BB; RGB: 153, 85, 187; HSV: 270°, 68%, 67%. |
| deep\_magenta | Describes the color Deep magenta. Hex: #CD00CC; RGB: 204, 0, 204; HSV: 300°, 80%, 37%. |
| deep\_peach | Describes the color Deep peach. Hex: #FFCBA4; RGB: 255, 203, 164; HSV: 40°, 34%, 100%. |
| deep\_pink | Describes the color Deep pink. Hex: #FF1493; RGB: 255, 20, 147; HSV: 328°, 92%, 100%. |
| denim | Describes the color Denim. Hex: #1560BD; RGB: 21, 96, 189; HSV: 213°, 89%, 74%. |
| dodger\_blue | Describes the color Dodger blue. Hex: #1E90FF; RGB: 30, 144, 255; HSV: 210°, 88%, 100%. |
| ecru | Describes the color Ecru. Hex: #C2B280; RGB: 194, 178, 128; HSV: 39°, 27%, 77%. |
| egyptian\_blue | Describes the color Egyptian blue. Hex: #1034A6; RGB: 16, 52, 166; HSV: 244°, 77%, 42%. |
| electric\_blue | Describes the color Electric blue. Hex: #7DF9FF; RGB: 125, 249, 255; HSV: 180°, 40%, 90%. |
| electric\_green\_x11\_green | Describes the color Electric green (X11 green). Hex: #00FF00; RGB: 0, 255, 0; HSV: 120°, 100%, 100%. |
| electric\_indigo | Describes the color Electric indigo. Hex: #6600FF; RGB: 102, 0, 255; HSV: 264°, 100%, 50%. |
| electric\_lime | Describes the color Electric lime. Hex: #CCFF00; RGB: 204, 255, 0; HSV: 75°, 100%, 63%. |
| electric\_purple | Describes the color Electric purple. Hex: #BF00FF; RGB: 191, 0, 255; HSV: 285°, 100%, 80%. |
| emerald | Describes the color Emerald. Hex: #50C878; RGB: 80, 200, 120; HSV: 140°, 60%, 78%. |
| eggplant | Describes the color Eggplant. Hex: #614051; RGB: 97, 64, 81; HSV: 320°, 100%, 50%. |
| falu\_red | Describes the color Falu red. Hex: #801818; RGB: 128, 24, 24; HSV: 0°, 81%, 50%. |
| fern\_green | Describes the color Fern green. Hex: #4F7942; RGB: 79, 121, 66; HSV: 106°, 45%, 47%. |
| firebrick | Describes the color Firebrick. Hex: #B22222; RGB: 178, 34, 34; HSV: 0°, 81%, 70%. |
| flax | Describes the color Flax. Hex: #EEDC82; RGB: 238, 220, 130; HSV: 50°, 45%, 93%. |
| forest\_green | Describes the color Forest green. Hex: #228B22; RGB: 34, 139, 34; HSV: 120°, 76%, 55%. |
| french\_rose | Describes the color French Rose. Hex: #F64A8A; RGB: 246, 74, 138; HSV: 330°, 76%, 55%. |
| fuchsia | Describes the color Fuchsia. Hex: #FF00FF; RGB: 255, 0, 255; HSV: 300°, 100%, 100%. |
| fuchsia\_pink | Describes the color Fuchsia Pink. Hex: #FF77FF; RGB: 255, 119, 255; HSV: 300°, 47%, 84%. |
| gamboge | Describes the color Gamboge. Hex: #E49B0F; RGB: 228, 155, 15; HSV: 38°, 94%, 94%. |
| gold\_metallic | Describes the color Gold (metallic). Hex: #D4AF37; RGB: 212, 175, 55; HSV: 51°, 67%, 72%. |
| gold\_web\_golden | Describes the color Gold (web) (Golden). Hex: #FFD700; RGB: 255, 215, 0; HSV: 51°, 100%, 100%. |
| golden\_brown | Describes the color Golden brown. Hex: #996515; RGB: 153, 101, 21; HSV: 51°, 37%, 47%. |
| golden\_yellow | Describes the color Golden yellow. Hex: #FFDF00; RGB: 255, 223, 0; HSV: 52.5°, 100%, 100%. |
| goldenrod | Describes the color Goldenrod. Hex: #DAA520; RGB: 218, 165, 32; HSV: 43°, 85%, 85%. |
| grey-asparagus | Describes the color Grey-asparagus. Hex: #465945; RGB: 70, 89, 69; HSV: 117°, 22%, 35%. |
| green\_color\_wheel\_x11\_green | Describes the color Green (color wheel) (X11 green). Hex: #00FF00; RGB: 0, 255, 0; HSV: 120°, 100%, 100%. |
| green\_html/css\_green | Describes the color Green (HTML/CSS green). Hex: #008000; RGB: 0, 128, 0; HSV: 120°, 80%, 50%. |
| green\_pigment | Describes the color Green (pigment). Hex: #00A550; RGB: 0, 165, 80; HSV: 125°, 100%, 65%.</ |
| green\_ryb | Describes the color Green (RYB). Hex: #66B032; RGB: 102, 176, 50; HSV: 120°, 100%, 57%. |
| green-yellow | Describes the color Green-yellow. Hex: #ADFF2F; RGB: 173, 255, 47; HSV: 84°, 100%, 67%. |
| grey | Describes the color Grey. Hex: #808080; RGB: 128, 128, 128; HSV: 0°, 0%, 50%. |
| han\_purple | Describes the color Han Purple. Hex: #5218FA; RGB: 82, 24, 250; HSV: 260°, 97%, 47%. |
| harlequin | Describes the color Harlequin. Hex: #3FFF00; RGB: 63, 255, 0; HSV: 105°, 100%, 100%. |
| heliotrope | Describes the color Heliotrope. Hex: #DF73FF; RGB: 223, 115, 255; HSV: 286°, 55%, 100%. |
| hollywood\_cerise | Describes the color Hollywood Cerise. Hex: #F400A1; RGB: 244, 0, 161; HSV: 320°, 100%, 96%. |
| hot\_magenta | Describes the color Hot Magenta. Hex: #FF00CC; RGB: 255, 0, 204; HSV: 310°, 57%, 74%. |
| hot\_pink | Describes the color Hot Pink. Hex: #FF69B4; RGB: 255, 105, 180; HSV: 330°, 59%, 100%. |
| indigo\_dye | Describes the color Indigo (dye). Hex: #00416A; RGB: 0, 65, 106; HSV: 275°, 40%, 40%. |
| indigo\_web | Describes the color Indigo (web). Hex: #4B0082; RGB: 75, 0, 130; HSV: 275°, 100%, 27%. |
| international\_klein\_blue | Describes the color International Klein Blue. Hex: #002FA7; RGB: 0, 47, 167; HSV: 223°, 100%, 65%. |
| international\_orange | Describes the color International orange. Hex: #FF4F00; RGB: 255, 79, 0; HSV: 19°, 100%, 100%. |
| islamic\_green | Describes the color Islamic green. Hex: #009000; RGB: 0, 153, 0; HSV: 120°, 90%, 60%. |
| ivory | Describes the color Ivory. Hex: #FFFFF0; RGB: 255, 255, 240; HSV: 60°, 5%, 100%. |
| jade | Describes the color Jade. Hex: #00A86B; RGB: 0, 168, 107; HSV: 158°, 100%, 66%. |
| kelly\_green | Describes the color Kelly green. Hex: #4CBB17; RGB: 76, 187, 23; HSV: 120°, 48%, 48%. |
| khaki | Describes the color Khaki. Hex: #C3B091; RGB: 195, 176, 145; HSV: 37°, 26%, 76%. |
| khaki\_x11\_light\_khaki | Describes the color Khaki (X11) (Light khaki). Hex: #F0E68C; RGB: 240, 230, 140; HSV: 54°, 41%, 94%. |
| lavender\_floral | Describes the color Lavender (floral). Hex: #B57EDC; RGB: 181, 126, 220; HSV: 275°, 43%, 86%. |
| lavender\_web | Describes the color Lavender (web). Hex: #E6E6FA; RGB: 230, 230, 250; HSV: 245°, 8%, 98%. |
| lavender\_blue | Describes the color Lavender blue. Hex: #CCCCFF; RGB: 204, 204, 255; HSV: 240°, 20%, 100%. |
| lavender\_blush | Describes the color Lavender blush. Hex: #FFF0F5; RGB: 255, 240, 245; HSV: 340°, 6%, 100%. |
| lavender\_grey | Describes the color Lavender grey. Hex: #C4C3D0; RGB: 196, 195, 221; HSV: 245°, 6%, 82%. |
| lavender\_magenta | Describes the color Lavender magenta. Hex: #EE82EE; RGB: 238, 130, 238; HSV: 300°, 45%, 93%. |
| lavender\_pink | Describes the color Lavender pink. Hex: #FBAED2; RGB: 251, 174, 210; HSV: 332°, 31%, 98%. |
| lavender\_purple | Describes the color Lavender purple. Hex: #967BB6; RGB: 150, 120, 182; HSV: 270°, 60%, 65%. |
| lavender\_rose | Describes the color Lavender rose. Hex: #FBA0E3; RGB: 251, 160, 227; HSV: 310°, 57%, 90%. |
| lawn\_green | Describes the color Lawn green. Hex: #7CFC00; RGB: 124, 252, 0; HSV: 90°, 98%, 48%. |
| lemon | Describes the color Lemon. Hex: #FDE910; RGB: 253, 233, 16; HSV: 55°, 94%, 99%. |
| lemon\_chiffon | Describes the color Lemon chiffon. Hex: #FFFACD; RGB: 255, 250, 205; HSV: 54°, 20%, 100%. |
| light\_blue | Describes the color Light blue. Hex: #ADD8E6; RGB: 173, 216, 230; HSV: 240°, 90%, 80%. |
| light\_pink | Describes the color Light pink. Hex: #FFB6C1; RGB: 255, 182, 193; HSV: 351°, 100%, 86%. |
| lilac | Describes the color Lilac. Hex: #C8A2C8; RGB: 200, 162, 200; HSV: 300°, 19%, 78%. |
| lime\_color\_wheel | Describes the color Lime (color wheel). Hex: #BFFF00; RGB: 191, 255, 0; HSV: 75°, 100%, 100%. |
| lime\_web\_x11\_green | Describes the color Lime (web) (X11 green). Hex: #00FF00; RGB: 0, 255, 0; HSV: 120°, 100%, 100%. |
| lime\_green | Describes the color Lime green. Hex: #32CD32; RGB: 50, 205, 50; HSV: 120°, 67%, 40%. |
| linen | Describes the color Linen. Hex: #FAF0E6; RGB: 250, 240, 230; HSV: 30°, 8%, 98%. |
| magenta | Describes the color Magenta. Hex: #FF00FF; RGB: 255, 0, 255; HSV: 300°, 100%, 100%. |
| magenta\_dye | Describes the color Magenta (dye). Hex: #CA1F7B; RGB: 202, 31, 23; HSV: 327°, 96%, 34%. |
| magenta\_process | Describes the color Magenta (process). Hex: #FF0090; RGB: 255, 0, 144; HSV: 320°, 100%, 100%. |
| magic\_mint | Describes the color Magic mint. Hex: #AAF0D1; RGB: 170, 240, 209; HSV: 150°, 84%, 80%. |
| magnolia | Describes the color Magnolia. Hex: #F8F4FF; RGB: 248, 244, 255; HSV: 247°, 94%, 92%. |
| malachite | Describes the color Malachite. Hex: #0BDA51; RGB: 11, 218, 81; HSV: 140°, 95%, 85%. |
| maroon\_html/css | Describes the color Maroon (HTML/CSS). Hex: #800000; RGB: 128, 0, 0; HSV: 0°, 100%, 50%. |
| maroon\_x11 | Describes the color Maroon (X11). Hex: #B03060; RGB: 176, 48, 96; HSV: 333°, 65%, 42%. |
| maya\_blue | Describes the color Maya blue. Hex: #73C2FB; RGB: 115, 194, 251; HSV: 210°, 96%, 87%. |
| mauve | Describes the color Mauve. Hex: #E0B0FF; RGB: 224, 176, 255; HSV: 276°, 31%, 100%. |
| mauve\_taupe | Describes the color Mauve Taupe. Hex: #915F6D; RGB: 145, 95, 109; HSV: 285°, 37%, 54%. |
| medium\_blue | Describes the color Medium blue. Hex: #0000CD; RGB: 0, 0, 205; HSV: 240°, 100%, 40%. |
| medium\_carmine | Describes the color Medium carmine. Hex: #AF4035; RGB: 175, 64, 53; HSV: 5°, 69%, 68%. |
| medium\_lavender\_magenta | Describes the color Medium lavender magenta. Hex: #CC99CC; RGB: 204, 153, 204; HSV: 300°, 80%, 25%. |
| medium\_purple | Describes the color Medium purple. Hex: #9370DB; RGB: 147, 112, 219; HSV: 270°, 68%, 72%. |
| medium\_spring\_green | Describes the color Medium spring green. Hex: #00FA9A; RGB: 0, 250, 154; HSV: 150°, 97%, 97%. |
| midnight\_blue | Describes the color Midnight Blue. Hex: #191970; RGB: 25, 25, 112; HSV: 240°, 78%, 44%. |
| midnight\_green\_eagle\_green | Describes the color Midnight Green (Eagle Green). Hex: #004953; RGB: 0, 73, 83; HSV: 187°, 100%, 33%. |
| mint\_green | Describes the color Mint green. Hex: #98FF98; RGB: 152, 255, 152; HSV: 140°, 40%, 100%. |
| misty\_rose | Describes the color Misty rose. Hex: #FFE4E1; RGB: 255, 228, 225; HSV: 337°, 37%, 94%. |
| moss\_green | Describes the color Moss green. Hex: #ADDFAD; RGB: 173, 223, 173; HSV: 120°, 22%, 87%. |
| mountbatten\_pink | Describes the color Mountbatten pink. Hex: #997A8D; RGB: 153, 122, 141; HSV: 323°, 20%, 60%. |
| mustard | Describes the color Mustard. Hex: #FFDB58; RGB: 255, 219, 88; HSV: 47°, 65%, 100%. |
| myrtle | Describes the color Myrtle. Hex: #21421E; RGB: 33, 66, 30; HSV: 115°, 54%, 26%. |
| navajo\_white | Describes the color Navajo white. Hex: #FFDEAD; RGB: 255, 222, 173; HSV: 32°, 27%, 100%. |
| navy\_blue | Describes the color Navy Blue. Hex: #000080; RGB: 0, 0, 128; HSV: 240°, 100%, 50%. |
| ochre | Describes the color Ochre. Hex: #CC7722; RGB: 204, 119, 34; HSV: 30°, 83%, 80%. |
| office\_green | Describes the color Office green. Hex: #008000; RGB: 0, 128, 0; HSV: 120°, 80%, 50%. |
| old\_gold | Describes the color Old Gold. Hex: #CFB53B; RGB: 207, 181, 59; HSV: 49°, 71%, 81%. |
| old\_lace | Describes the color Old Lace. Hex: #FDF5E6; RGB: 253, 245, 230; HSV: 40°, 6%, 100%. |
| old\_lavender | Describes the color Old Lavender. Hex: #796878; RGB: 121, 104, 120; HSV: 270°, 3%, 22%. |
| old\_rose | Describes the color Old Rose. Hex: #C08081; RGB: 192, 128, 129; HSV: 330°, 59%, 57%. |
| olive | Describes the color Olive. Hex: #808000; RGB: 128, 128, 0; HSV: 60°, 100%, 50%. |
| olive\_drab | Describes the color Olive Drab. Hex: #6B8E23; RGB: 107, 142, 35; HSV: 80°, 75%, 56%. |
| olivine | Describes the color Olivine. Hex: #9AB973; RGB: 154, 185, 115; HSV: 58°, 80%, 141%. |
| orange\_color\_wheel | Describes the color Orange (color wheel). Hex: #FF7F00; RGB: 255, 127, 0; HSV: 30°, 100%, 100%. |
| orange\_ryb | Describes the color Orange (RYB). Hex: #FB9902; RGB: 251, 153, 2; HSV: 60°, 100%, 73%. |
| orange\_web | Describes the color Orange (web). Hex: #FFA500; RGB: 255, 165, 0; HSV: 39°, 100%, 100%. |
| orange\_peel | Describes the color Orange Peel. Hex: #FFA000; RGB: 255, 160, 0; HSV: 38°, 100%, 100%. |
| orange-red | Describes the color Orange-Red. Hex: #FF4500; RGB: 255, 69, 0; HSV: 5°, 100%, 52%. |
| orchid | Describes the color Orchid. Hex: #DA70D6; RGB: 218, 112, 214; HSV: 302°, 49%, 85%. |
| pale\_blue | Describes the color Pale blue. Hex: #AFEEEE; RGB: 175, 238, 238; HSV: 180°, 26%, 93%. |
| pale\_brown | Describes the color Pale brown. Hex: #987654; RGB: 152, 118, 84; HSV: 30°, 45%, 60%. |
| pale\_carmine | Describes the color Pale carmine. Hex: #AF4035; RGB: 175, 64, 53; HSV: 5°, 69%, 68%. |
| pale\_chestnut | Describes the color Pale chestnut. Hex: #DDADAF; RGB: 221, 173, 175; HSV: 358°, 22%, 87%. |
| pale\_cornflower\_blue | Describes the color Pale cornflower blue. Hex: #ABCDEF; RGB: 171, 205, 239; HSV: 210°, 28%, 94%. |
| pale\_magenta | Describes the color Pale magenta. Hex: #F984E5; RGB: 249, 132, 229; HSV: 310°, 47%, 98%. |
| pale\_pink | Describes the color Pale pink. Hex: #FADADD; RGB: 250, 218, 221; HSV: 354°, 13%, 98%. |
| pale\_red-violet | Describes the color Pale red-violet. Hex: #DB7093; RGB: 219, 112, 147; HSV: 340°, 49%, 86%. |
| papaya\_whip | Describes the color Papaya whip. Hex: #FFEFD5; RGB: 255, 239, 213; HSV: 37°, 16%, 100%. |
| pastel\_green | Describes the color Pastel green. Hex: #77DD77; RGB: 119, 221, 119; HSV: 120°, 46%, 87%. |
| pastel\_pink | Describes the color Pastel pink. Hex: #FFD1DC; RGB: 255, 209, 220; HSV: 346°, 18%, 100%. |
| peach | Describes the color Peach. Hex: #FFE5B4; RGB: 255, 229, 180; HSV: 39°, 29%, 100%. |
| peach-orange | Describes the color Peach-orange. Hex: #FFCC99; RGB: 255, 204, 153; HSV: 30°, 40%, 100%. |
| peach-yellow | Describes the color Peach-yellow. Hex: #FADFAD; RGB: 250, 223, 173; HSV: 39°, 31%, 98%. |
| pear | Describes the color Pear. Hex: #D1E231; RGB: 209, 226, 49; HSV: 66°, 78%, 89%. |
| periwinkle | Describes the color Periwinkle. Hex: #CCCCFF; RGB: 204, 204, 255; HSV: 240°, 20%, 100%. |
| persian\_blue | Describes the color Persian blue. Hex: #1C39BB; RGB: 28, 57, 187; HSV: 248°, 75%, 50%. |
| persian\_green | Describes the color Persian green. Hex: #00A693; RGB: 0, 166, 147; HSV: 135°, 75%, 60%. |
| persian\_indigo | Describes the color Persian indigo. Hex: #32127A; RGB: 50, 18, 122; HSV: 249°, 85%, 49%. |
| persian\_orange | Describes the color Persian orange. Hex: #D99058; RGB: 217, 144, 88; HSV: 26°, 59%, 85%. |
| persian\_red | Describes the color Persian red. Hex: #CC3333; RGB: 204, 51, 51; HSV: 5°, 50%, 50%. |
| persian\_pink | Describes the color Persian pink. Hex: #F77FBE; RGB: 247, 127, 190; HSV: 330°, 72%, 77%. |
| persian\_rose | Describes the color Persian rose. Hex: #FE28A2; RGB: 254, 40, 162; HSV: 318°, 96%, 88%. |
| persimmon | Describes the color Persimmon. Hex: #EC5800; RGB: 236, 88, 0; HSV: 10°, 85%, 94%. |
| pine\_green | Describes the color Pine Green. Hex: #01796F; RGB: 1, 121, 111; HSV: 175°, 99%, 47%. |
| pink | Describes the color Pink. Hex: #FFC0CB; RGB: 255, 192, 203; HSV: 350°, 25%, 100%. |
| pink-orange | Describes the color Pink-orange. Hex: #FF9966; RGB: 255, 153, 102; HSV: 20°, 60%, 100%. |
| platinum | Describes the color Platinum. Hex: #E5E4E2; RGB: 229, 228, 226; HSV: 40°, 1%, 90%. |
| plum\_web | Describes the color Plum (web). Hex: #CC99CC; RGB: 204, 153, 204; HSV: 300°, 80%, 25%. |
| powder\_blue\_web | Describes the color Powder blue (web). Hex: #B0E0E6; RGB: 176, 224, 230; HSV: 220°, 70%, 90%. |
| puce | Describes the color Puce. Hex: #CC8899; RGB: 204, 136, 153; HSV: 345°, 33%, 80%. |
| prussian\_blue | Describes the color Prussian blue. Hex: #003153; RGB: 0, 49, 83; HSV: 205°, 100%, 33%. |
| psychedelic\_purple | Describes the color Psychedelic purple. Hex: #DD00FF; RGB: 221, 0, 255; HSV: 290°, 100%, 92%. |
| pumpkin | Describes the color Pumpkin. Hex: #FF7518; RGB: 255, 117, 24; HSV: 24°, 90%, 100%. |
| purple\_html/css | Describes the color Purple (HTML/CSS). Hex: #800080; RGB: 128, 0, 128; HSV: 300°, 67%, 44%. |
| purple\_x11 | Describes the color Purple (X11). Hex: #A020F0; RGB: 160, 92, 240; HSV: 285°, 97%, 77%. |
| purple\_taupe | Describes the color Purple Taupe. Hex: #50404D; RGB: 80, 64, 77; HSV: 285°, 19%, 33%. |
| raw\_umber | Describes the color Raw umber. Hex: #734A12; RGB: 115, 74, 18; HSV: 34°, 84%, 45%. |
| razzmatazz | Describes the color Razzmatazz. Hex: #E30B5C; RGB: 227, 11, 92; HSV: 339°, 100%, 70%. |
| red | Describes the color Red. Hex: #FF0000; RGB: 255, 0, 0; HSV: 0°, 100%, 100%. |
| red\_pigment | Describes the color Red (pigment). Hex: #ED1C24; RGB: 237, 28, 36; HSV: 0°, 100%, 65%. |
| red\_ryb | Describes the color Red (RYB). Hex: #FE2712; RGB: 254, 39, 18; HSV: 0°, 100%, 87%. |
| red-violet | Describes the color Red-violet. Hex: #C71585; RGB: 199, 21, 133; HSV: 322°, 89%, 78%. |
| rich\_carmine | Describes the color Rich carmine. Hex: #D70040; RGB: 215, 0, 64; HSV: 356°, 94%, 44%. |
| robin\_egg\_blue | Describes the color Robin egg blue. Hex: #00CCCC; RGB: 0, 204, 204; HSV: 180°, 100%, 80%. |
| rose | Describes the color Rose. Hex: #FF007F; RGB: 255, 0, 127; HSV: 330°, 100%, 100%. |
| rose\_madder | Describes the color Rose Madder. Hex: #E32636; RGB: 227, 38, 54; HSV: 355°, 83%, 89%. |
| rose\_taupe | Describes the color Rose Taupe. Hex: #905D5D; RGB: 144, 93, 93; HSV: 330°, 42%, 46%. |
| royal\_blue | Describes the color Royal blue. Hex: #4169E1; RGB: 65, 105, 225; HSV: 225°, 71%, 88%. |
| royal\_purple | Describes the color Royal purple. Hex: #6B3FA0; RGB: 107, 63, 160; HSV: 273°, 62%, 54%. |
| ruby | Describes the color Ruby. Hex: #E0115F; RGB: 224, 17, 95; HSV: 338°, 100%, 40%. |
| russet | Describes the color Russet. Hex: #80461B; RGB: 128, 70, 27; HSV: 25°, 78%, 50%. |
| rust | Describes the color Rust. Hex: #B7410E; RGB: 183, 65, 14; HSV: 18°, 92%, 72%. |
| safety\_orange\_blaze\_orange | Describes the color Safety orange (blaze orange). Hex: #FF6600; RGB: 255, 102, 0; HSV: 24°, 100%, 100%. |
| saffron | Describes the color Saffron. Hex: #F4C430; RGB: 244, 196, 48; HSV: 45°, 80%, 96%. |
| salmon | Describes the color Salmon. Hex: #FF8C69; RGB: 255, 140, 105; HSV: 14°, 59%, 100%. |
| sandy\_brown | Describes the color Sandy brown. Hex: #F4A460; RGB: 244, 164, 96; HSV: 28°, 61%, 96%. |
| sangria | Describes the color Sangria. Hex: #92000A; RGB: 146, 0, 10; HSV: 356°, 100%, 57%. |
| sapphire | Describes the color Sapphire. Hex: #082567; RGB: 8, 37, 103; HSV: 222°, 92%, 40%. |
| scarlet | Describes the color Scarlet. Hex: #FF2400; RGB: 255, 36, 0; HSV: 8°, 100%, 100%. |
| school\_bus\_yellow | Describes the color School bus yellow. Hex: #FFD800; RGB: 255, 216, 0; HSV: 36°, 100%, 50%. |
| sea\_green | Describes the color Sea Green. Hex: #2E8B57; RGB: 46, 139, 87; HSV: 146°, 77%, 55%. |
| seashell | Describes the color Seashell. Hex: #FFF5EE; RGB: 255, 245, 238; HSV: 25°, 7%, 100%. |
| selective\_yellow | Describes the color Selective yellow. Hex: #FFBA00; RGB: 255, 186, 0; HSV: 44°, 100%, 100%. |
| sepia | Describes the color Sepia. Hex: #704214; RGB: 112, 66, 20; HSV: 30°, 82%, 44%. |
| shamrock\_green | Describes the color Shamrock green. Hex: #009E60; RGB: 0, 158, 96; HSV: 120°, 91%, 75%. |
| shocking\_pink | Describes the color Shocking Pink. Hex: #FC0FC0; RGB: 252, 15, 192; HSV: 315°, 94%, 99%. |
| silver | Describes the color Silver. Hex: #C0C0C0; RGB: 192, 192, 192; HSV: 0°, 0%, 75%. |
| sky\_blue | Describes the color Sky Blue. Hex: #87CEEB; RGB: 135, 206, 235; HSV: 210°, 67%, 96%. |
| slate\_grey | Describes the color Slate grey. Hex: #708090; RGB: 112, 128, 144; HSV: 210°, 33%, 56%. |
| smalt\_dark\_powder\_blue | Describes the color Smalt (Dark powder blue). Hex: #003399; RGB: 0, 51, 153; HSV: 200°, 70%, 60%. |
| spring\_bud | Describes the color Spring bud. Hex: #A7FC00; RGB: 167, 252, 0; HSV: 88°, 90%, 63%. |
| spring\_green | Describes the color Spring green. Hex: #00FF7F; RGB: 0, 255, 127; HSV: 150°, 100%, 100%. |
| steel\_blue | Describes the color Steel blue. Hex: #4682B4; RGB: 70, 130, 180; HSV: 207°, 61%, 71%. |
| tan | Describes the color Tan. Hex: #D2B48C; RGB: 210, 180, 140; HSV: 34°, 33%, 82%. |
| tangerine | Describes the color Tangerine. Hex: #F28500; RGB: 242, 133, 0; HSV: 33°, 100%, 95%. |
| tangerine\_yellow | Describes the color Tangerine yellow. Hex: #FFCC00; RGB: 255, 204, 0; HSV: 33°, 100%, 50%. |
| taupe | Describes the color Taupe. Hex: #483C32; RGB: 72, 60, 50; HSV: 30°, 17%, 34%. |
| tea\_green | Describes the color Tea Green. Hex: #D0F0C0; RGB: 208, 240, 192; HSV: 100°, 20%, 94%. |
| tea\_rose\_orange | Describes the color Tea rose (orange). Hex: #F88379; RGB: 248, 131, 194; HSV: 16°, 70%, 70%. |
| tea\_rose\_rose | Describes the color Tea rose (rose). Hex: #F4C2C2; RGB: 244, 194, 194; HSV: 337°, 47%, 93%. |
| teal | Describes the color Teal. Hex: #008080; RGB: 0, 128, 128; HSV: 180°, 100%, 50%. |
| tenné\_tawny | Describes the color Tenné (Tawny). Hex: #CD5700; RGB: 205, 87, 0; HSV: 25°, 100%, 80%. |
| terra\_cotta | Describes the color Terra cotta. Hex: #E2725B; RGB: 226, 114, 91; HSV: 10°, 70%, 62%. |
| thistle | Describes the color Thistle. Hex: #D8BFD8; RGB: 216, 191, 216; HSV: 300°, 12%, 85%. |
| tomato | Describes the color Tomato. Hex: #FF6347; RGB: 255, 99, 71; HSV: 15°, 75%, 50%. |
| turquoise | Describes the color Turquoise. Hex: #30D5C8; RGB: 48, 213, 200; HSV: 175°, 77%, 84%. |
| tyrian\_purple | Describes the color Tyrian purple. Hex: #66023C; RGB: 102, 2, 60; HSV: 277°, 67%, 44%. |
| ultramarine | Describes the color Ultramarine. Hex: #120A8F; RGB: 18 , 10 , 143; HSV: 244°, 93%, 56%. |
| ultra\_pink | Describes the color Ultra pink. Hex: #FF6FFF; RGB: 255, 111, 255; HSV: 300°, 48%, 83%. |
| united\_nations\_blue | Describes the color United Nations blue. Hex: #5B92E5; RGB: 91, 146, 229; HSV: 210°, 60%, 90%. |
| vegas\_gold | Describes the color Vegas Gold. Hex: #C5B358; RGB: 197, 179, 88; HSV: 50°, 55%, 77%. |
| vermilion | Describes the color Vermilion. Hex: #E34234; RGB: 227, 66, 51; HSV: 5°, 77%, 89%. |
| violet | Describes the color Violet. Hex: #8B00FF; RGB: 139, 0, 255; HSV: 273°, 100%, 100%. |
| violet\_web | Describes the color Violet (web). Hex: #EE82EE; RGB: 238, 130, 238; HSV: 300°, 45%, 93%. |
| violet\_ryb | Describes the color Violet (RYB). Hex: #8601AF; RGB: 2, 71, 54; HSV: 270°, 100%, 71%. |
| viridian | Describes the color Viridian. Hex: #40826D; RGB: 64, 130, 109; HSV: 161°, 51%, 51%. |
| wheat | Describes the color Wheat. Hex: #F5DEB3; RGB: 245, 222, 179; HSV: 39°, 26%, 96%. |
| white | Describes the color White. Hex: #FFFFFF; RGB: 255, 255, 255; HSV: –––°, 0%, 100%. |
| wisteria | Describes the color Wisteria. Hex: #C9A0DC; RGB: 201, 160, 220; HSV: 281°, 27%, 86%. |
| yellow | Describes the color Yellow. Hex: #FFFF00; RGB: 255, 255, 0; HSV: 60°, 100%, 100%. |
| yellow\_process | Describes the color Yellow (process). Hex: #FFEF00; RGB: 255, 239, 0; HSV: 56°, 100%, 100%. |
| yellow\_ryb | Describes the color Yellow (RYB). Hex: #FEFE33; RGB: 254, 254, 51; HSV: 60°, 99%, 60%. |
| yellow-green | Describes the color Yellow-green. Hex: #9ACD32; RGB: 154, 205, 50; HSV: 60°, 60%, 54%. |

## gasType

### General

This sub-clause specifies a data type, which describes the type of gases.

### Syntax

|  |
| --- |
| "gasType": { "type": "string", "enum": [ "CO", "CO2", "H2SO4", "NO", "O2", "O3", "H2", "VOC", "ETH", "Propane", "METH", "butane", "Form", "Rn" ] } |

### Semantics

Semantics of the gasType:

|  |  |
| --- | --- |
| Name | Definition |
| CO | Carbon monoxide |
| CO2 | Carbon dioxide |
| H2SO4 | Sulfurous acid |
| NO | Nitrogen Oxide |
| O2 | Oxygen |
| O3 | Ozone |
| H2 | Hydrogen |
| VOC | Volatile organic compunds |
| ETH | Ethanol |
| Propane | Propane |
| METH | Methane |
| Butane | Butane |
| Form | Formaldehyde |
| Rn | Radon-222 |