

Converting Colors

Decimal(12691200)

Have a look what the booklet for
Decimal(12691200) contains.

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Color

Decimal(12691200)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C1A700 |
| RGB | 193, 167, 0 |
| RGB Percent | 76%, 65%, 0% |
| CMY | 0.2431, 0.3451, 1.0000 |
| CMYK | 0.00, 0.13, 1.00, 0.24 |
| HSL | 52°, 100%, 38% |
| HSV | 52°, 100%, 76% |
| XYZ | 35.8110, 38.9749, 5.6355 |
| YIQ | 155.7360, 69.1030, -46.4250 |

Conversions

Conversions Part 2

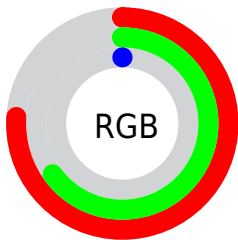
| Format | Color |
|-------------------------------------|---|
| RYB | 30, 193, 0 |
| Decimal | 12691200 |
| CIELab | 68.73, -4.10, 71.56 |
| CIElCh | 69, 71.675, 93.279 |
| Yxy | 38.9749, 0.4453, 0.4846 |
| Android (android.graphics.Color) | 4290881280 (0xFFC1A700) |
| YUV | 155.7360, -76.7778, 32.6805 |
| Hunter-Lab | 62.4299, -6.8611, 38.3489 |

Details

The Decimal color **12691200** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **6849**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **16637517**, and **8877056** is the 20% darker color. If you saturate the color by 10%, you get **12691200**, and if you desaturate by 10%, it is **12691987**.

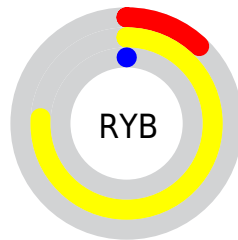
Distribution



Red (76%)

Green (65%)

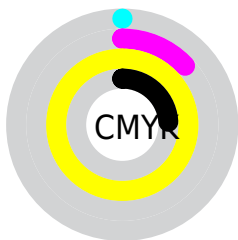
Blue (0%)



Red (12%)

Yellow (76%)

Blue (0%)

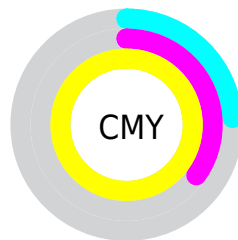


Cyan (0%)

Magenta (13%)

Yellow (100%)

Black (24%)



Cyan (24%)


















Magenta (35%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12691200 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 12691200 by changing the saturation by 10% instead.

| | |
|--|--|
|  12691200 |  12691200 |
| 16777215 |  10784000 |
|  16637517 |  8877056 |
|  16775785 |  6970112 |
|  16777093 |  5194752 |
|  16777122 |  3419648 |
|  16777150 |  1841664 |
|  16777179 |  0 |
|  16777209 | |
|  12691200 | |

 12691987

 12692519

 12693306

 12693837

 12694625

 12695412

 12695943

 12696730

 12697262

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16092717



12691200



8304686

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12691200



50669



16479971

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



12691200



6849

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



11637759



12691200



48639

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12691200



50861



44543



16737955

Rectangle

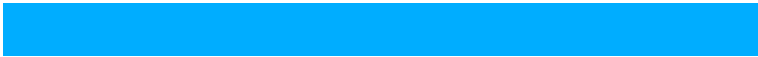
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12691200



3981141



44543



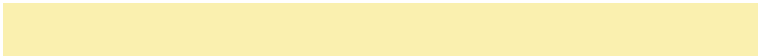
15237110

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



12691200



16445615



12648477



8222544



16579836



8224125

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



12691200



16439296



8241408



6381655



10586880



2170112

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



6849



8954



4456641



5724513



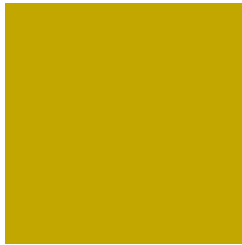
5793



1057

Previews

White Background



This preview shows how the Decimal color 12691200 looks on a white background.

Color Contrast Check

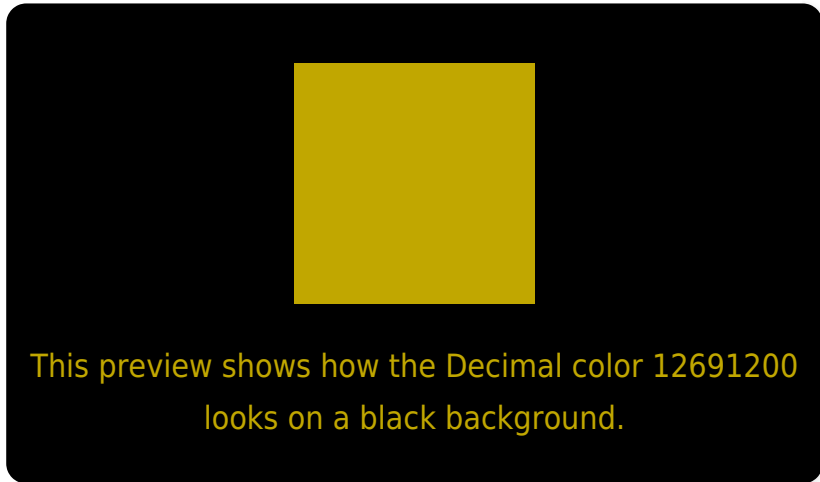
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 12691200 Background



This preview shows how black text looks on a background with the Decimal color 12691200.



This preview shows how white text looks on a background with the Decimal color 12691200.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
12691200

Protanopia
12429317

Deuteranopia
13934356



Tritanopia
13278119

Trichromacy



Original Color
12691200

Protanomaly
12494851

Deuteranomaly
13476365

Tritanomaly
13082474

Monochromacy



Original Color
12691200

Achromatopsia
10263708

Achromatomaly
11116643

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12691200 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C1A700 looks like.

```
.text, #text, p{  
    color:#C1A700  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C1A700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1A700
}
```

Border

The CSS property to change the border of an element to Decimal 12691200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C1A700 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#C1A700 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #C1A700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1A700; -webkit-box-shadow:4px 4px  
4px 4px #C1A700; box-shadow:4px 4px 4px  
4px #C1A700 }
```

Background

The CSS property to change the background color of an element to Decimal 12691200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1A700 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C1A700 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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