

Converting Colors

Hex(C0B71F)

Have a look what the booklet for
Hex(C0B71F) contains.

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Color

Hex(C0B71F)

Conversions

Conversions Part 1

Format	Color
Hex	C0B71F
RGB	192, 183, 31
RGB Percent	75%, 72%, 12%
CMY	0.2471, 0.2824, 0.8784
CMYK	0.00, 0.05, 0.84, 0.25
HSL	57°, 72%, 44%
HSV	57°, 84%, 75%
XYZ	38.9190, 45.1724, 7.9642
YIQ	168.3630, 54.1560, -45.3640

Conversions

Conversions Part 2

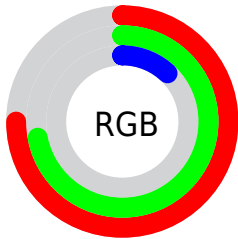
Format	Color
RYB	41, 192, 31
Decimal	12629791
CIELab	73.01, -12.36, 69.82
CIELCh	73, 70.900, 100.036
Yxy	45.1724, 0.4228, 0.4907
Android (android.graphics.Color)	4290819871 (0xFFC0B71F)
YUV	168.3630, -67.7200, 20.7296
Hunter-Lab	67.2104, -14.2555, 40.0216

Details

The Hex color **C0B71F** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **1F28C0**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FCEF5D**, and **868200** is the 20% darker color. If you saturate the color by 10%, you get **C0B60C**, and if you desaturate by 10%, it is **C0B832**.

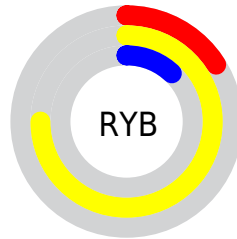
Distribution



Red (75%)

Green (72%)

Blue (12%)



Red (16%)

Yellow (75%)

Blue (12%)

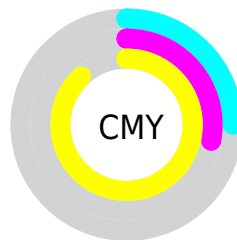


Cyan (0%)

Magenta (5%)

Yellow (84%)

Black (25%)



Cyan (25%)

Magenta (28%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color C0B71F 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 Hex color C0B71F by changing the saturation by 10% instead.



C0B71F



C0B71F

FFFFFF



A39C00



FCEF5D



868200



FFFF79



6A6900



FFFF95



4F5200



FFFFB1



343B00



FFFFCE



1B2500



FFFFEB



001200



000000



C0B71F



C0B71F

 C0B60C

 C0B832

 C0B500

 C0B945

 C0BA59

 C0BB6C

 C0BC7F

 C0BD92

 C0BFA5

 C0C0B9

 C0C1CC

Harmonies

Analogous

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



F7A031



C0B71F



79C748

Triad

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



C0B71F



00D0FF



FF7DE1

Complementary

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



C0B71F



1F28C0

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.



D298FF



C0B71F



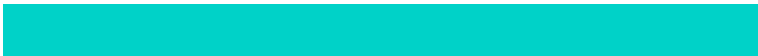
00C6FF

Square

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



C0B71F



00D2C8



50B3FF



FF75A0

Rectangle

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



C0B71F



25CD6F



50B3FF



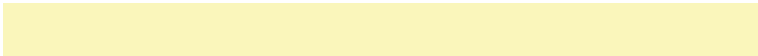
FF85F5

Sweetspot

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



C0B71F



FAF6BB



C01F2A



7D7B57



FCFCFC



7D7D7D

Same Dimension

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



C0B71F



FAEC00



7AC01F



616057



A19800



211F00

Inverse Universe

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



1F28C0



000EFA



651FC0



575861



0009A1



000221

Previews

White Background



This preview shows how the Hex color C0B71F looks on a white background.

Color Contrast Check

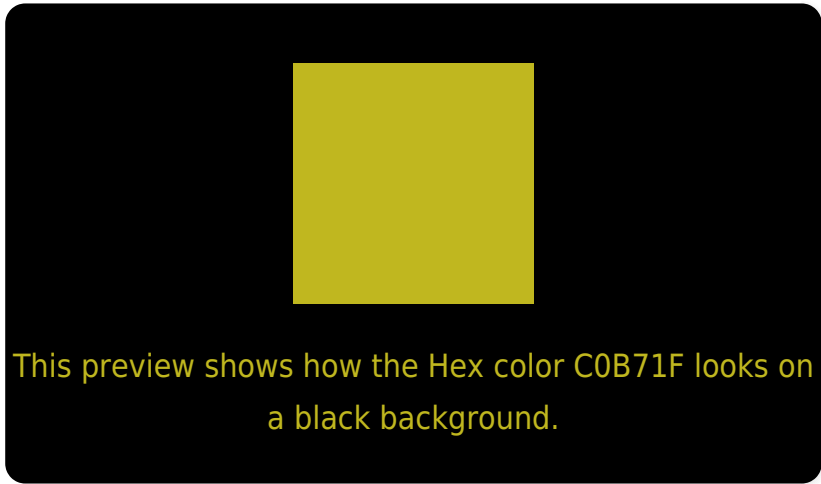
Large Text (above 18pt) WCAG AA × Fail

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](#).

Hex C0B71F Background



This preview shows how black text looks on a background with the Hex color C0B71F.



This preview shows how white text looks on a background with the Hex color C0B71F.

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

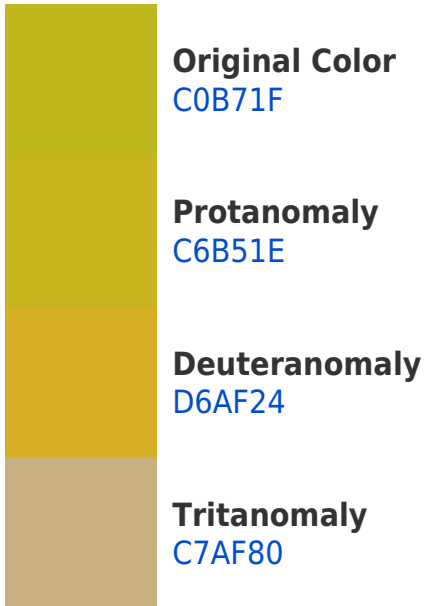


Original Color
C0B71F

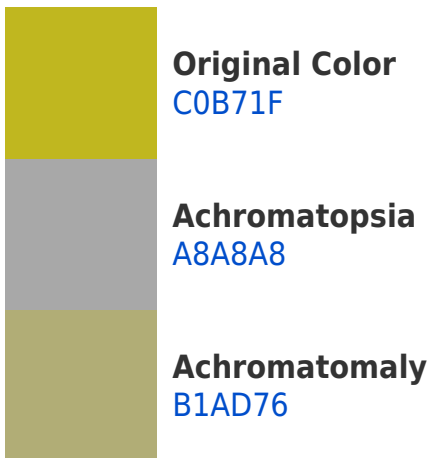
Protanopia
CAB41E

Deuteranopia
E2AA27

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C0B71F 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 #C0B71F looks like.

```
.text, #text, p{  
    color:#C0B71F  
}
```

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 #C0B71F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0B71F
}
```

Border

The CSS property to change the border of an element to Hex C0B71F 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
#C0B71F }
```

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

```
.border{ border-color:#C0B71F }
```

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

Here you see how a box with a 4 pixel #C0B71F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0B71F; -webkit-box-shadow:4px 4px  
4px 4px #C0B71F; box-shadow:4px 4px 4px  
4px #C0B71F }
```

Background

The CSS property to change the background color of an element to Hex C0B71F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0B71F }
```

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

```
.background{ background-color:#C0B71F }
```

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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