

Converting Colors

Hex(C18B0F)

Have a look what the booklet for
Hex(C18B0F) contains.

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Color

Hex(C18B0F)

Conversions

Conversions Part 1

Format	Color
Hex	C18B0F
RGB	193, 139, 15
RGB Percent	76%, 55%, 6%
CMY	0.2431, 0.4549, 0.9412
CMYK	0.00, 0.28, 0.92, 0.24
HSL	42°, 86%, 41%
HSV	42°, 92%, 76%
XYZ	31.3112, 29.8372, 4.5608
YIQ	141.0100, 71.9880, -27.1160

Conversions

Conversions Part 2

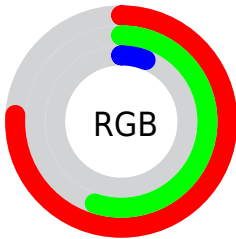
Format	Color
R _Y B	93, 193, 15
Decimal	12684047
CIE Lab	61.51, 11.21, 64.19
CIE LCh	62, 65.157, 80.092
Yxy	29.8372, 0.4765, 0.4541
Android (android.graphics.Color)	4290874127 (0xFFC18B0F)
YUV	141.0100, -62.1229, 45.5952
Hunter-Lab	54.6234, 6.7285, 33.2859

Details

The Hex color **C18B0F** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **0F45C1**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FEC04D**, and **865900** is the 20% darker color. If you saturate the color by 10%, you get **C18600**, and if you desaturate by 10%, it is **C19122**.

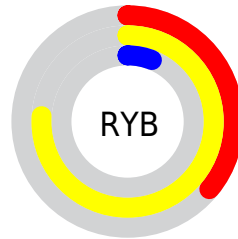
Distribution



Red (76%)

Green (55%)

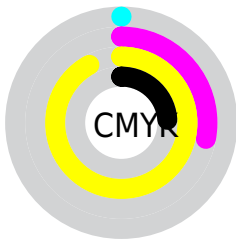
Blue (6%)



Red (36%)

Yellow (76%)

Blue (6%)

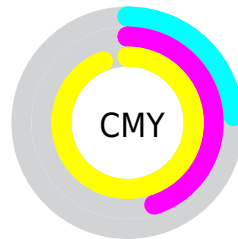


Cyan (0%)

Magenta (28%)

Yellow (92%)

Black (24%)



Cyan (24%)

Magenta (45%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color C18B0F 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 C18B0F by changing the saturation by 10% instead.

 C18B0F

 C18B0F

FFFFFF

 A37200

 FEC04D

 865900

 FFDC68

 6A4200

 FFF883

 4E2C00

 FFFF9F

 331800

 FFFFBB

 1C0000

 FFFFFD8

 000000

 FFFFF5

 C18B0F

 C18B0F

■ C18600

■ C19122

■ C19736

■ C19D49

■ C1A25C

■ C1A870

■ C1AE83

■ C1B496

■ C1BAA9

■ C1C0BD

Harmonies

Analogous

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



E8733C



C18B0F



8C9D13

Triad

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



C18B0F



00AFBB



C773DF

Complementary

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



C18B0F



0F45C1

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.



6E8DFF



C18B0F



00ACEC

Square

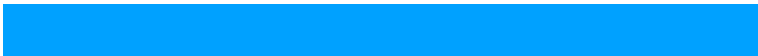
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C18B0F



00AE7F



00A1FF



F25EAA

Rectangle

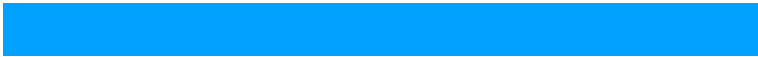
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C18B0F



60A634



00A1FF



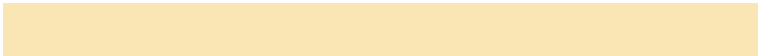
B07CED

Sweetspot

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



C18B0F



FAE5B4



C10F47



7D7052



FCFCFC



7D7D7D

Same Dimension

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



C18B0F



FAAE00



A0C10F



615E57



A17000



211700

Inverse Universe

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



0F45C1



004CFA



300FC1



575A61



0031A1



000A21

Previews

White Background



This preview shows how the Hex color C18B0F looks on a white background.

Color Contrast Check

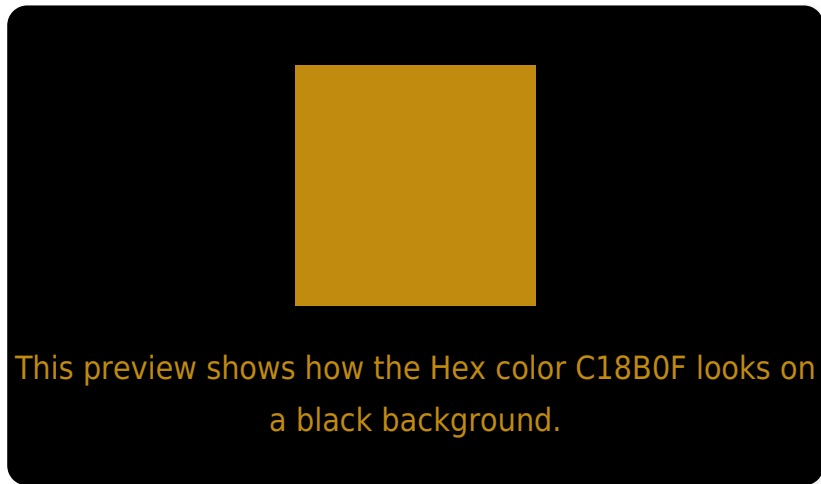
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex C18B0F Background



This preview shows how black text looks on a background with the Hex color C18B0F.



This preview shows how white text looks on a background with the Hex color C18B0F.

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
C18B0F

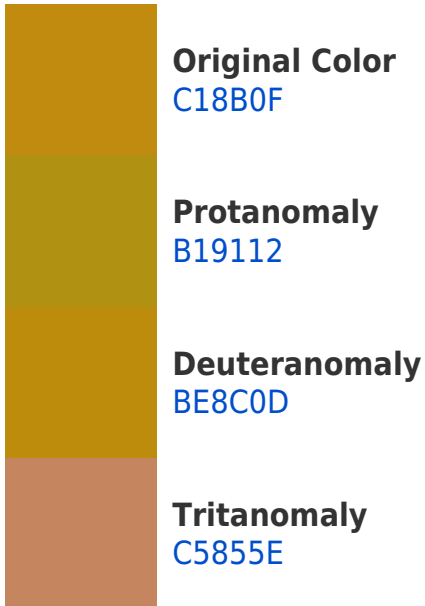
Protanopia
A89513

Deuteranopia
BC8D0C



Tritanopia
C7818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C18B0F 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 #C18B0F looks like.

```
.text, #text, p{  
    color:#C18B0F  
}
```

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 #C18B0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C18B0F
}
```

Border

The CSS property to change the border of an element to Hex C18B0F 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
#C18B0F }
```

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

```
.border{ border-color:#C18B0F }
```

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

Here you see how a box with a 4 pixel #C18B0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C18B0F; -webkit-box-shadow:4px 4px  
4px 4px #C18B0F; box-shadow:4px 4px 4px  
4px #C18B0F }
```

Background

The CSS property to change the background color of an element to Hex C18B0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C18B0F }
```

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

```
.background{ background-color:#C18B0F }
```

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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