

# Converting Colors

Hex(C1851F)

Have a look what the booklet for  
Hex(C1851F) contains.

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**Color**

**Hex(C1851F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1851F
RGB	193, 133, 31
RGB Percent	76%, 52%, 12%
CMY	0.2431, 0.4784, 0.8784
CMYK	0.00, 0.31, 0.84, 0.24
HSL	38°, 72%, 44%
HSV	38°, 84%, 76%
XYZ	30.6272, 28.2114, 5.1274
YIQ	139.3120, 68.5020, -19.0020

# Conversions

## Conversions Part 2

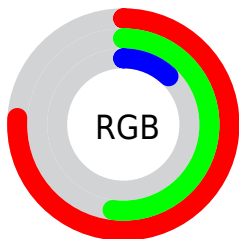
Format	Color
R <sub>Y</sub> B	126, 193, 31
Decimal	12682527
CIE Lab	60.08, 14.86, 58.95
CIE LCh	60, 60.792, 75.851
Yxy	28.2114, 0.4788, 0.4410
Android (android.graphics.Color)	4290872607 (0xFFC1851F)
YUV	139.3120, -53.3978, 47.0844
Hunter-Lab	53.1144, 9.9775, 31.4565

# Details

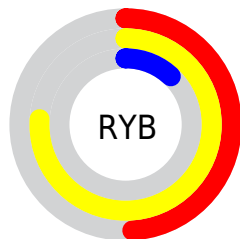
The Hex color **C1851F** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **1F5BC1**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FEBA56**, and **865400** is the 20% darker color. If you saturate the color by 10%, you get **C17E0C**, and if you desaturate by 10%, it is **C18C32**.

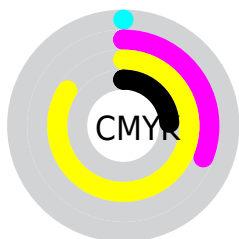
# Distribution



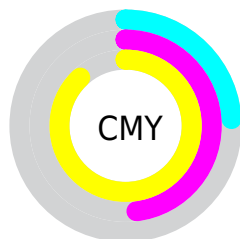
- Red (76%)
- Green (52%)
- Blue (12%)



- Red (49%)
- Yellow (76%)
- Blue (12%)



- Cyan (0%)
- Magenta (31%)
- Yellow (84%)
- Black (24%)



- Cyan (24%)
- Magenta (48%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1851F 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 C1851F by changing the saturation by 10% instead.



 C1851F

 C1851F

FFFFFF

 A36C00

 FEBA56

 865400

 FFD670

 6A3C00

 FFF28B

 4E2700

 FFFFA6

 331200

 FFFFC3

 1C0001

 FFFFDF

 000000

 FFFFFC

 C1851F

 C1851F

 C17E0C

 C18C32

 C17A00

 C19346

 C19A59

 C1A26C

 C1A980

 C1B093

 C1B7A6

 C1BEB9

 C1C5CD

# Harmonies

## Analogous

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



E36F46



C1851F



91971A

# Triad

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



C1851F



00AAAC



B776DC

# Complementary

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



C1851F



1F5BC1

# 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.



5E8DF8



C1851F



00A7DD

# Square

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



C1851F



00A975



009EF9



E561AC

# Rectangle

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



C1851F



6A9F32



009EF9



A07EE8

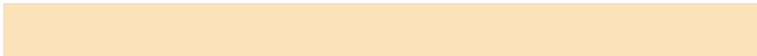


# Sweetspot

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



C1851F



FAE3BB



C11F5D



7D6F57



FCFCFC



7D7D7D



# Same Dimension

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



C1851F



FA9D00



AEC11F



615D57



A16500



211500



# Inverse Universe

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



1F5BC1



005DFA



321FC1



575B61



003BA1



000C21



# Previews

## White Background



This preview shows how the Hex color C1851F looks on a white background.

## Color Contrast Check

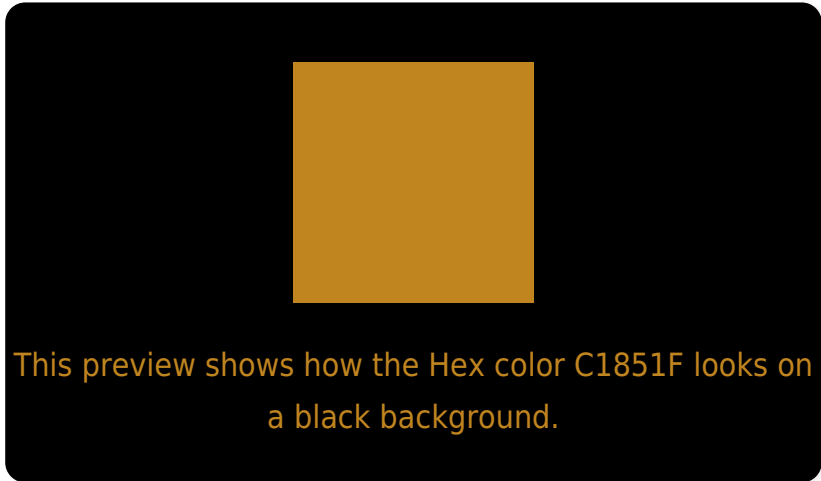
Large Text (above 18pt) WCAG AA ✓ Pass

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 C1851F Background



This preview shows how black text looks on a background with the Hex color C1851F.



This preview shows how white text looks on a background with the Hex color C1851F.

# 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**  
C1851F

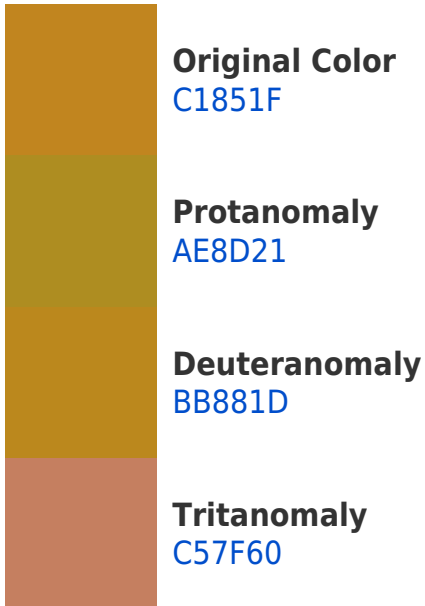
**Protanopia**  
A39222

**Deuteranopia**  
B78A1C

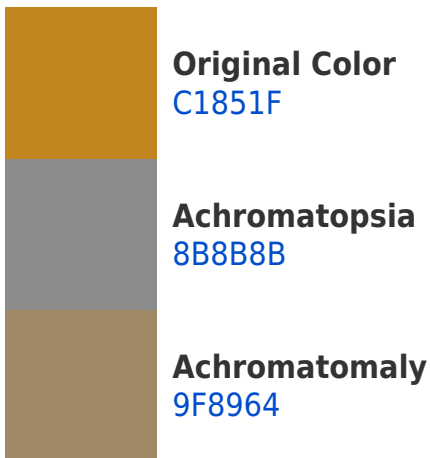


**Tritanopia**  
C77C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1851F 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 #C1851F looks like.

```
.text, #text, p{  
    color:#C1851F  
}
```

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 #C1851F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1851F
}
```

## Border

The CSS property to change the border of an element to Hex C1851F 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
#C1851F }
```

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

```
.border{ border-color:#C1851F }
```

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

Here you see how a box with a 4 pixel #C1851F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1851F; -webkit-box-shadow:4px 4px  
4px 4px #C1851F; box-shadow:4px 4px 4px  
4px #C1851F }
```

# Background

The CSS property to change the background color of an element to Hex C1851F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1851F }
```

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

```
.background{ background-color:#C1851F }
```

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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