

Converting Colors

Hex(CB8F1E)

Have a look what the booklet for
Hex(CB8F1E) contains.

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Color

Hex(CB8F1E)

Conversions

Conversions Part 1

Format	Color
Hex	CB8F1E
RGB	203, 143, 30
RGB Percent	80%, 56%, 12%
CMY	0.2039, 0.4392, 0.8824
CMYK	0.00, 0.30, 0.85, 0.20
HSL	39°, 74%, 46%
HSV	39°, 85%, 80%
XYZ	34.6854, 32.4352, 5.6608
YIQ	148.0580, 72.0330, -22.4230

Conversions

Conversions Part 2

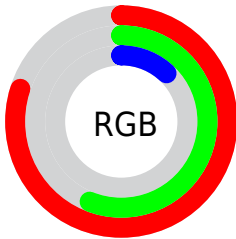
Format	Color
RYB	122, 203, 30
Decimal	13340446
CIELab	63.70, 13.77, 62.77
CIElCh	64, 64.262, 77.630
Yxy	32.4352, 0.4766, 0.4457
Android (android.graphics.Color)	4291530526 (0xFFCB8F1E)
YUV	148.0580, -58.2026, 48.1841
Hunter-Lab	56.9519, 9.0461, 33.9731

Details

The Hex color **CB8F1E** 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 **1E5ACB**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFC557**, and **905D00** is the 20% darker color. If you saturate the color by 10%, you get **CB880A**, and if you desaturate by 10%, it is **CB9632**.

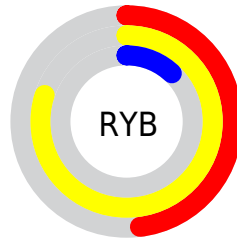
Distribution



Red (80%)

Green (56%)

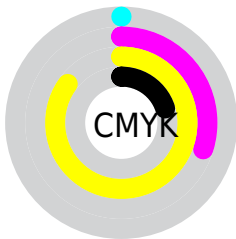
Blue (12%)



Red (48%)

Yellow (80%)

Blue (12%)

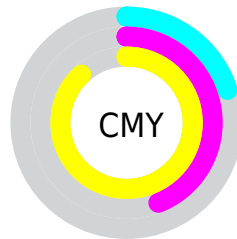


Cyan (0%)

Magenta (30%)

Yellow (85%)

Black (20%)



Cyan (20%)

Magenta (44%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB8F1E 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 CB8F1E by changing the saturation by 10% instead.

 CB8F1E

 CB8F1E

FFFFFF

 AD7500

 FFC557

 905D00

 FFE071

 734500

 FFFD8D

 562F00

 FFFFA8

 3B1A00

 FFFFC5

 230200

 FFFFE1

 000000

 CB8F1E

 CB8F1E

 CB880A

 CB9632

 CB8500

 CB9D47

 CBA45B

 CBAB6F

 CBB284

 CBB998

 CBC0AC

 CBC7C0

 CBCED5

Harmonies

Analogous

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



F17747



CB8F1E



97A21C

Triad

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



CB8F1E



00B5BB



C77CE8

Complementary

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



CB8F1E



1E5ACB

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.



6B95FF



CB8F1E



00B2EE

Square

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



CB8F1E



00B480



00A8FF



F666B5

Rectangle

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



CB8F1E



6DAA38



00A8FF



AF85F6

Sweetspot

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



CB8F1E



FFE8BD



CB1E5B



807258



000000



808080

Same Dimension

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



CB8F1E



FFA700



B1CB1E



66625C



A66C00



261900

Inverse Universe

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



1E5ACB



0058FF



381ECB



5C5F66



0039A6



000D26

Previews

White Background



This preview shows how the Hex color CB8F1E looks on a white background.

Color Contrast Check

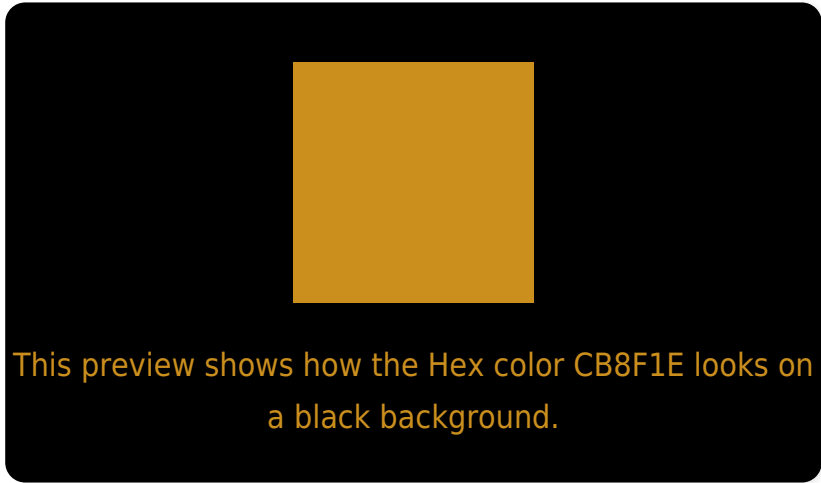
Large Text (above 18pt) WCAG AA × Fail

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 CB8F1E Background



This preview shows how black text looks on a background with the Hex color CB8F1E.

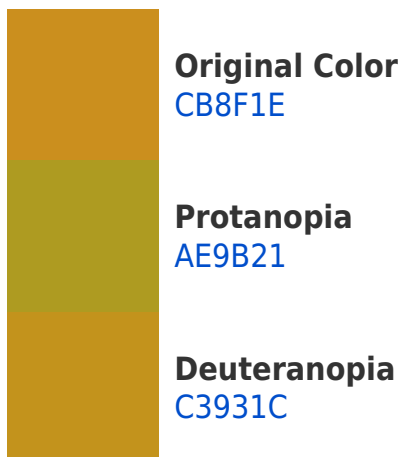



This preview shows how white text looks on a background with the Hex color CB8F1E.

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](#).

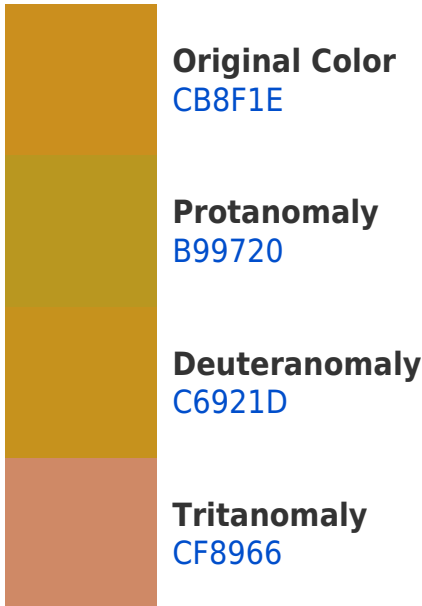
Dichromacy



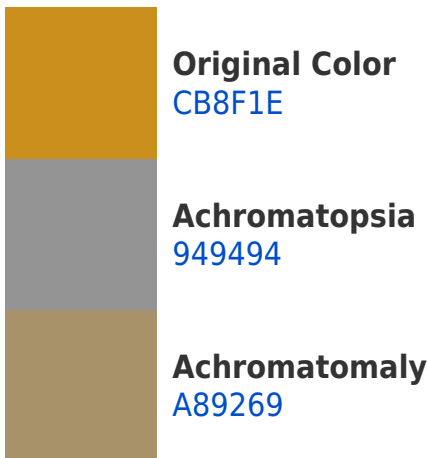


Tritanopia
D1858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB8F1E 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 #CB8F1E looks like.

```
.text, #text, p{  
    color:#CB8F1E  
}
```

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 #CB8F1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB8F1E
}
```

Border

The CSS property to change the border of an element to Hex CB8F1E 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
#CB8F1E }
```

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

```
.border{ border-color:#CB8F1E }
```

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

Here you see how a box with a 4 pixel #CB8F1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB8F1E; -webkit-box-shadow:4px 4px  
4px 4px #CB8F1E; box-shadow:4px 4px 4px  
4px #CB8F1E }
```

Background

The CSS property to change the background color of an element to Hex CB8F1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB8F1E }
```

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

```
.background{ background-color:#CB8F1E }
```

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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