

# Converting Colors

Hex(CB8B17)

Have a look what the booklet for  
Hex(CB8B17) contains.

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**Color**

**Hex(CB8B17)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CB8B17
RGB	203, 139, 23
RGB Percent	80%, 55%, 9%
CMY	0.2039, 0.4549, 0.9098
CMYK	0.00, 0.32, 0.89, 0.20
HSL	39°, 80%, 44%
HSV	39°, 89%, 80%
XYZ	34.0159, 31.2236, 5.0445
YIQ	144.9120, 75.3800, -22.5080

# Conversions

## Conversions Part 2

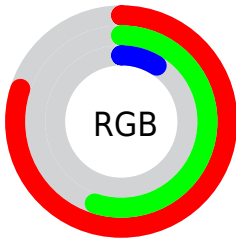
Format	Color
<a href="#">RYB</a>	<a href="#">122, 203, 23</a>
Decimal	<a href="#">13339415</a>
CIELab	<a href="#">62.70, 15.78, 63.85</a>
CIElCh	<a href="#">63, 65.773, 76.114</a>
Yxy	<a href="#">31.2236, 0.4840, 0.4442</a>
Android (android.graphics.Color)	<a href="#">4291529495 (0xFFCB8B17)</a>
YUV	<a href="#">144.9120, -60.1026, 50.9432</a>
Hunter-Lab	<a href="#">55.8781, 10.8755, 33.7621</a>

# Details

The Hex color **CB8B17** 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 **1757CB**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFC052**, and **8F5900** is the 20% darker color. If you saturate the color by 10%, you get **CB8403**, and if you desaturate by 10%, it is **CB922B**.

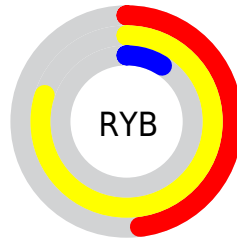
# Distribution



Red (80%)

Green (55%)

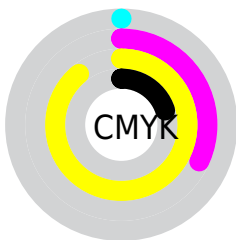
Blue (9%)



Red (48%)

Yellow (80%)

Blue (9%)

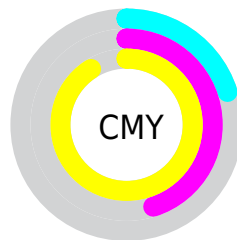


Cyan (0%)

Magenta (32%)

Yellow (89%)

Black (20%)



Cyan (20%)

Magenta (45%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB8B17 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 CB8B17 by changing the saturation by 10% instead.



 CB8B17

 CB8B17

FFFFFF

 AD7200

 FFC052

 8F5900

 FFDC6D

 724200

 FFF988

 562C00

 FFFFA3

 3B1700

 FFFFBF

 230000

 FFFFDC

 000000

 FFFFF9

 CB8B17

 CB8B17

 CB8403

 CB922B

 CB8300

 CB9940

 CBA154

 CBA868

 CBAF7D

 CBB691

 CBBEA5

 CBC5B9

 CBCCCCE

# Harmonies

## Analogous

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



F17245



CB8B17



979E10

# Triad

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



CB8B17



00B3B6



C27AE9

# Complementary

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



CB8B17



1757CB

# 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.



5E93FF



CB8B17



00B0EB

# Square

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



CB8B17



00B17A



00A6FF



F362B5

# Rectangle

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



CB8B17



6CA82F



00A6FF



A883F7



# Sweetspot

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



CB8B17



FFE7BA



CB1759



807157



000000



808080



# Same Dimension

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



CB8B17



FFA400



B3CB17



66625C



A66B00



261900



# Inverse Universe

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



1757CB



005BFF



2F17CB



5C5F66



003BA6



000E26



# Previews

## White Background



This preview shows how the Hex color CB8B17 looks on a white background.

## Color Contrast Check

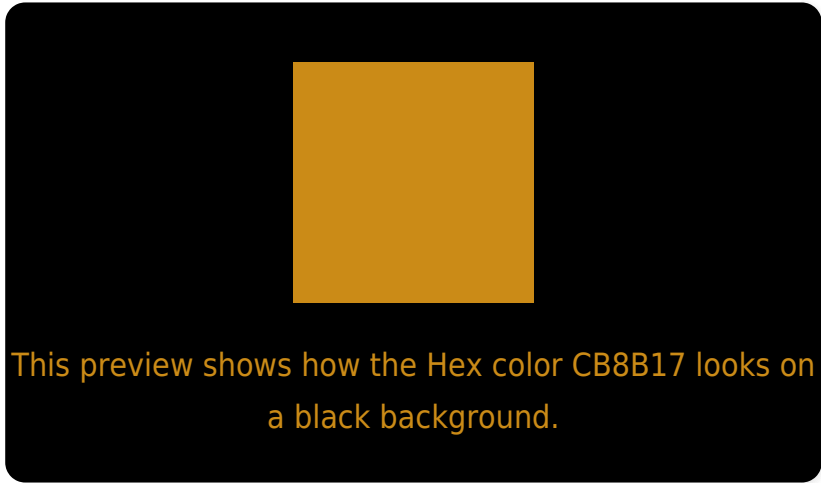
Large Text (above 18pt) WCAG AA × Fail

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 CB8B17 Background



This preview shows how black text looks on a background with the Hex color CB8B17.




This preview shows how white text looks on a background with the Hex color CB8B17.

# 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](#).

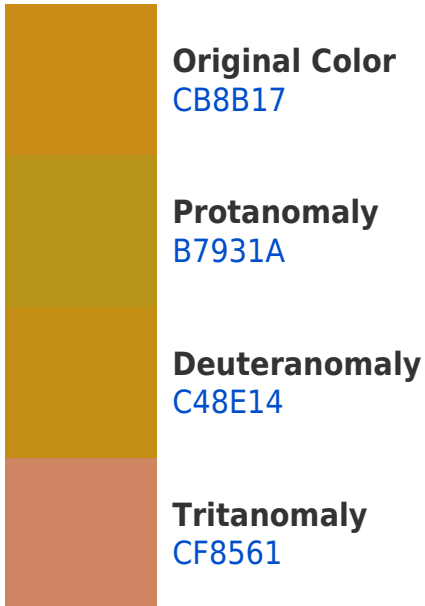
## Dichromacy



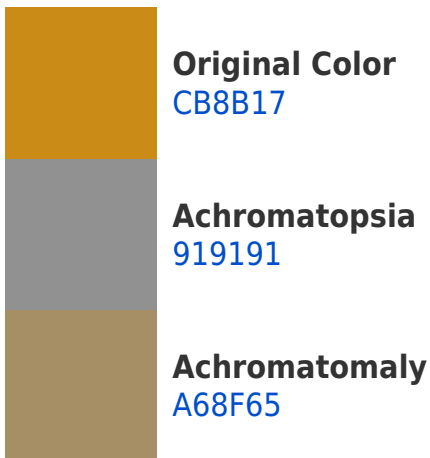


**Tritanopia**  
D1818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB8B17 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 #CB8B17 looks like.

```
.text, #text, p{  
    color:#CB8B17  
}
```

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 #CB8B17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB8B17
}
```

## Border

The CSS property to change the border of an element to Hex CB8B17 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
#CB8B17 }
```

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

```
.border{ border-color:#CB8B17 }
```

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

Here you see how a box with a 4 pixel #CB8B17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB8B17; -webkit-box-shadow:4px 4px  
4px 4px #CB8B17; box-shadow:4px 4px 4px  
4px #CB8B17 }
```

# Background

The CSS property to change the background color of an element to Hex CB8B17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB8B17 }
```

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

```
.background{ background-color:#CB8B17 }
```

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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