

Converting Colors

Hex(CB790C)

Have a look what the booklet for
Hex(CB790C) contains.

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Color

Hex(CB790C)

Conversions

Conversions Part 1

Format	Color
Hex	CB790C
RGB	203, 121, 12
RGB Percent	80%, 47%, 5%
CMY	0.2039, 0.5255, 0.9529
CMYK	0.00, 0.40, 0.94, 0.20
HSL	34°, 89%, 42%
HSV	34°, 94%, 80%
XYZ	31.5323, 26.3978, 3.7812
YIQ	133.0920, 83.8610, -16.5150

Conversions

Conversions Part 2

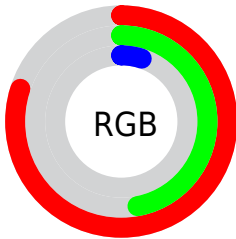
Format	Color
R_{YB}	156, 203, 12
Decimal	13334796
CIE Lab	58.41, 25.39, 63.05
CIE LCh	58, 67.967, 68.066
Yxy	26.3978, 0.5110, 0.4278
Android (android.graphics.Color)	4291524876 (0xFFCB790C)
YUV	133.0920, -59.6984, 61.3093
Hunter-Lab	51.3788, 19.6366, 31.6018

Details

The Hex color **CB790C** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **0C5ECB**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FFAE49**, and **8F4800** is the 20% darker color. If you saturate the color by 10%, you get **CB7400**, and if you desaturate by 10%, it is **CB8220**.

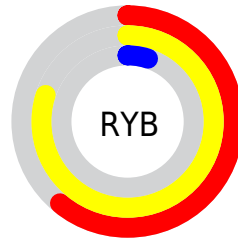
Distribution



Red (80%)

Green (47%)

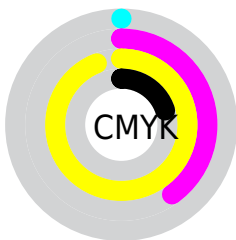
Blue (5%)



Red (61%)

Yellow (80%)

Blue (5%)

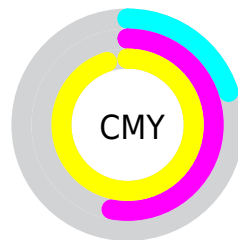


Cyan (0%)

Magenta (40%)

Yellow (94%)

Black (20%)



Cyan (20%)

Magenta (53%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB790C 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 CB790C by changing the saturation by 10% instead.

 CB790C

 CB790C


FFFFFF

 AC6000

 FFAE49

 8F4800

 FFC964

 713100

 FFE57F

 541A00

 FFFF9A

 390400

 FFFFB6

 200001

 FFFFD2

 000000

 FFFFEE

 CB790C

 CB790C

 CB7400

 CB8220

 CB8A35

 CB9349

 CB9C5D

 CBA572

 CBAD86

 CBB69A

 CBBFAE

 CBC7C3

Harmonies

Analogous

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



EC5E46



CB790C



9A8F00

Triad

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



CB790C



00A89B



A275EB

Complementary

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



CB790C



0C5ECB

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.



008EFF



CB790C



00A6D5

Square

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



CB790C



00A55D



009FFB



DF59BA

Rectangle

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



CB790C



719907



009FFB



827EF6

Sweetspot

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



CB790C



FFE0B8



CB0C5F



806D54



000000



808080

Same Dimension

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



CB790C



FF9200



BECB0C



66625C



A65F00



261600

Inverse Universe

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



0C5ECB



006DFF



190CCB



5C6066



0047A6



001026

Previews

White Background



This preview shows how the Hex color CB790C looks on a white background.

Color Contrast Check

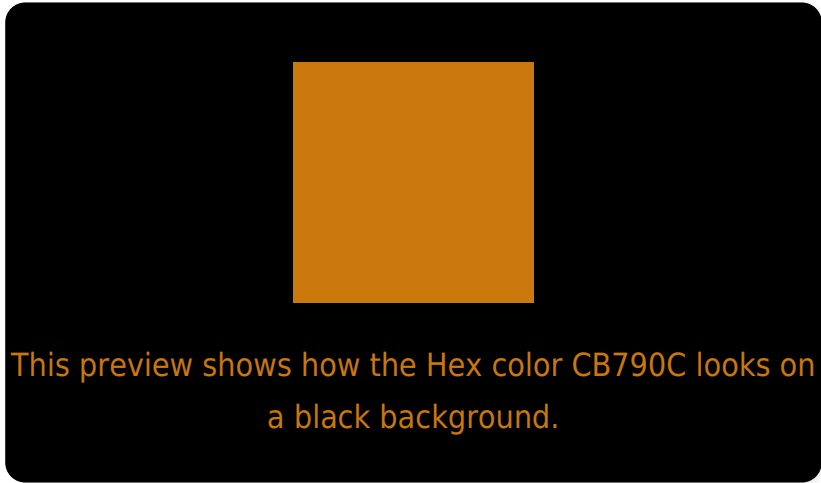
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB790C Background



This preview shows how black text looks on a background with the Hex color CB790C.



This preview shows how white text looks on a background with the Hex color CB790C.

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
CB790C

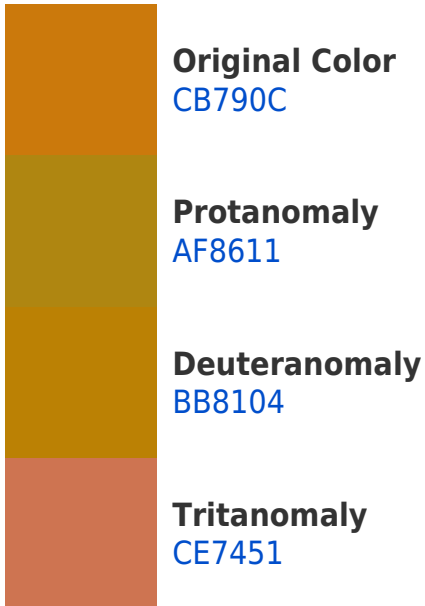
Protanopia
9F8D14

Deuteranopia
B28600

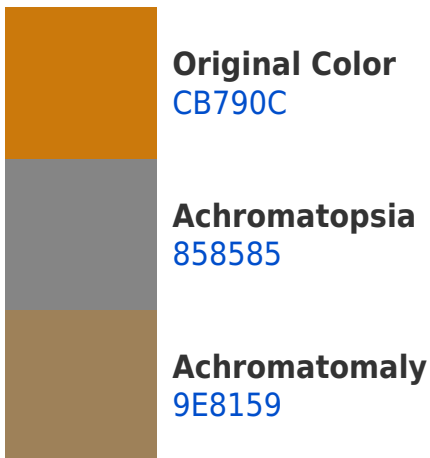


Tritanopia
CF7179

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB790C 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 #CB790C looks like.

```
.text, #text, p{  
    color:#CB790C  
}
```

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 #CB790C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB790C
}
```

Border

The CSS property to change the border of an element to Hex CB790C 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
#CB790C }
```

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

```
.border{ border-color:#CB790C }
```

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

Here you see how a box with a 4 pixel #CB790C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB790C; -webkit-box-shadow:4px 4px  
4px 4px #CB790C; box-shadow:4px 4px 4px  
4px #CB790C }
```

Background

The CSS property to change the background color of an element to Hex CB790C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB790C }
```

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

```
.background{ background-color:#CB790C }
```

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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