

# Converting Colors

Hex(CF720B)

Have a look what the booklet for  
Hex(CF720B) contains.

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**Color**

**Hex(CF720B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF720B
RGB	207, 114, 11
RGB Percent	81%, 45%, 4%
CMY	0.1882, 0.5529, 0.9569
CMYK	0.00, 0.45, 0.95, 0.19
HSL	32°, 90%, 43%
HSV	32°, 95%, 81%
XYZ	31.8098, 25.3242, 3.5281
YIQ	130.0650, 88.4910, -12.3170

# Conversions

## Conversions Part 2

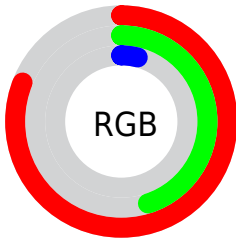
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	188, 207, 11
Decimal	13595147
CIE Lab	57.39, 30.81, 62.77
CIE LCh	57, 69.926, 63.858
Yxy	25.3242, 0.5244, 0.4175
Android (android.graphics.Color)	4291785227 (0xFFCF720B)
YUV	130.0650, -58.6990, 67.4720
Hunter-Lab	50.3231, 24.7664, 31.0694

# Details

The Hex color **CF720B** 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 **0B68CF**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FFA748**, and **924000** is the 20% darker color. If you saturate the color by 10%, you get **CF6D00**, and if you desaturate by 10%, it is **CF7C20**.

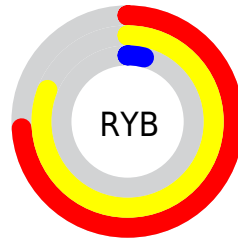
# Distribution



Red (81%)

Green (45%)

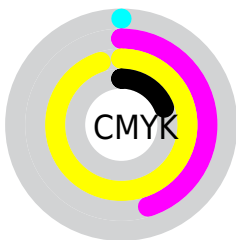
Blue (4%)



Red (74%)

Yellow (81%)

Blue (4%)

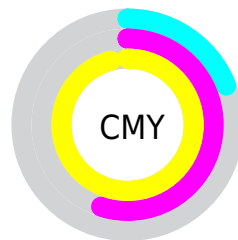


Cyan (0%)

Magenta (45%)

Yellow (95%)

Black (19%)



Cyan (19%)

Magenta (55%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF720B 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 CF720B by changing the saturation by 10% instead.



 CF720B

 CF720B

FFFFFF

 B05900

 FFA748

 924000

 FFC262

 742900

 FFDE7D

 571100

 FFFB98

 3B0000

 FFFFB4

 210001

 FFFFD0

 000000

 FFFFED

 CF720B

 CF720B

■ CF6D00

■ CF7C20

■ CF8634

■ CF8F49

■ CF995E

■ CFA372

■ CFAD87

■ CFB79C

■ CFC1B1

■ CFCAC5

# Harmonies

## Analogous

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



EE5649



CF720B



9E8A00

# Triad

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



CF720B



00A590



9276F0

# Complementary

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



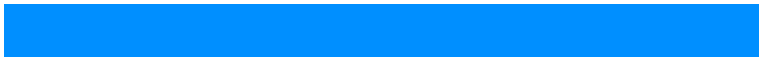
CF720B



0B68CF

# 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.



008FFF



CF720B



00A4CD

# Square

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



CF720B



00A251



009EF7



D857C1

# Rectangle

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



CF720B



779500



009EF7



6C7FFA



# Sweetspot

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



CF720B



FFDDB8



CF0B6A



806B54



000000



808080



# Same Dimension

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



CF720B



FF8600



CCCF0B



69645E



A85800



291500



# Inverse Universe

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



0B68CF



0079FF



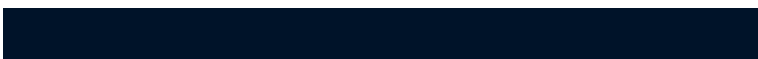
0E0BCF



5E6369



0050A8



001329



# Previews

## White Background



This preview shows how the Hex color CF720B looks on a white background.

## Color Contrast Check

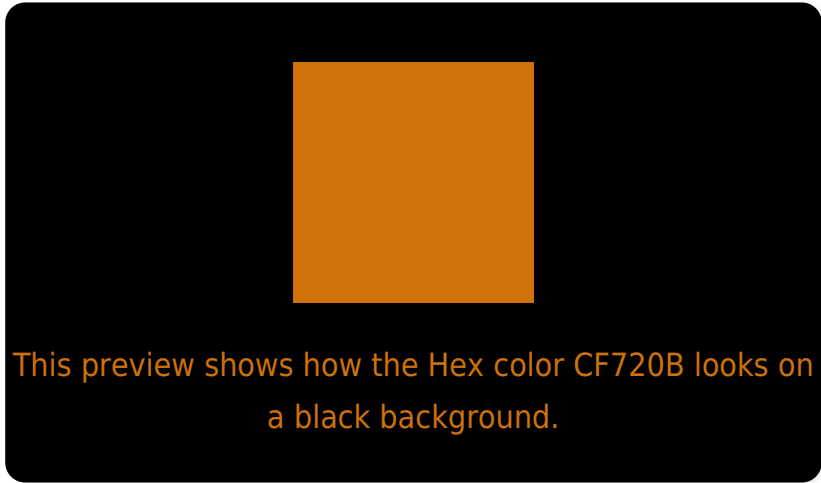
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF720B Background



This preview shows how black text looks on a background with the Hex color CF720B.



This preview shows how white text looks on a background with the Hex color CF720B.

# 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**  
CF720B

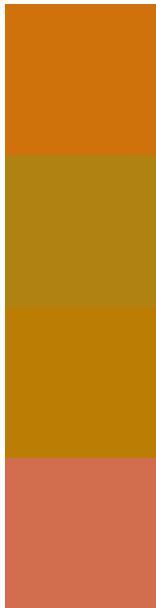
**Protanopia**  
9C8B14

**Deuteranopia**  
AF8300



**Tritanopia**  
D36A72

# Trichromacy



**Original Color**  
CF720B

**Protanomaly**  
AF8211

**Deuteranomaly**  
BB7D04

**Tritanomaly**  
D26D4D

# Monochromacy



**Original Color**  
CF720B

**Achromatopsia**  
828282

**Achromatomaly**  
9E7C57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF720B 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 #CF720B looks like.

```
.text, #text, p{  
    color:#CF720B  
}
```

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 #CF720B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF720B
}
```

## Border

The CSS property to change the border of an element to Hex CF720B 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
#CF720B }
```

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

```
.border{ border-color:#CF720B }
```

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

Here you see how a box with a 4 pixel #CF720B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF720B; -webkit-box-shadow:4px 4px  
4px 4px #CF720B; box-shadow:4px 4px 4px  
4px #CF720B }
```

# Background

The CSS property to change the background color of an element to Hex CF720B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF720B }
```

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

```
.background{ background-color:#CF720B }
```

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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