

# Converting Colors

Hex(CF772C)

Have a look what the booklet for  
Hex(CF772C) contains.

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**Color**

**Hex(CF772C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF772C
RGB	207, 119, 44
RGB Percent	81%, 47%, 17%
CMY	0.1882, 0.5333, 0.8275
CMYK	0.00, 0.43, 0.79, 0.19
HSL	28°, 65%, 49%
HSV	28°, 79%, 81%
XYZ	32.7836, 26.6409, 5.7972
YIQ	136.7620, 76.5230, -4.6690

# Conversions

## Conversions Part 2

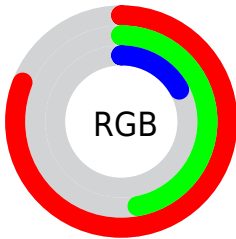
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">207, 183, 44</a>
Decimal	<a href="#">13596460</a>
<a href="#">CIELab</a>	<a href="#">58.64, 28.93, 53.45</a>
<a href="#">CIElCh</a>	<a href="#">59, 60.775, 61.579</a>
<a href="#">Yxy</a>	<a href="#">26.6409, 0.5026, 0.4085</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291786540 (0xFFCF772C)</a>
<a href="#">YUV</a>	<a href="#">136.7620, -45.7317, 61.5987</a>
<a href="#">Hunter-Lab</a>	<a href="#">51.6148, 23.0498, 29.4711</a>

# Details

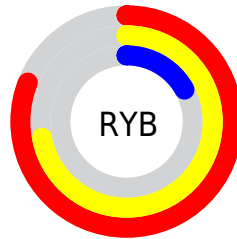
The Hex color **CF772C** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **2C84CF**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFAC5F**, and **934500** is the 20% darker color. If you saturate the color by 10%, you get **CF6C17**, and if you desaturate by 10%, it is **CF8241**.

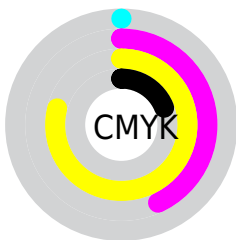
# Distribution



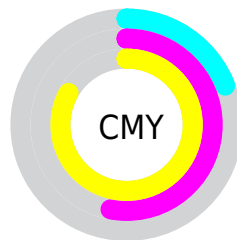
- Red (81%)
- Green (47%)
- Blue (17%)



- Red (81%)
- Yellow (72%)
- Blue (17%)



- Cyan (0%)
- Magenta (43%)
- Yellow (79%)
- Black (19%)



- Cyan (19%)
- Magenta (53%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF772C 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 CF772C by changing the saturation by 10% instead.



 CF772C

 CF772C

FFFFFF

 B15E10

 FFAC5F

 934500

 FFC779

 762E00

 FFE494

 581600

 FFFFAF

 3D0000

 FFFFCB

 250001

 FFFFEB

 000000

 CF772C

 CF772C

 CF6C17

 CF8241

 CF6103

 CF8D55

 CF5F00

 CF996A

 CFA47F

 CFAF94

 CFBAA8

 CFC5BD

 CFD0D2

 CFDCE6

# Harmonies

## Analogous

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



E96258



CF772C



A58B0F

# Triad

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



CF772C



00A68E



907EE8

# Complementary

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



CF772C



2C84CF

# 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.



0092F8



CF772C



00A5C4

# Square

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



CF772C



00A258



009FEA



CF66C1

# Rectangle

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



CF772C



83961B



009FEA



7085F1



# Sweetspot

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



CF772C



FFDEC2



CF2C86



806C5B



000000



808080



# Same Dimension

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



CF772C



FF7E0F



CFC72C



69635E



A84D00



291300



# Inverse Universe

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



2C84CF



0F91FF



2C34CF



5E6469



005BA8



001629



# Previews

## White Background



This preview shows how the Hex color CF772C looks on a white background.

## Color Contrast Check

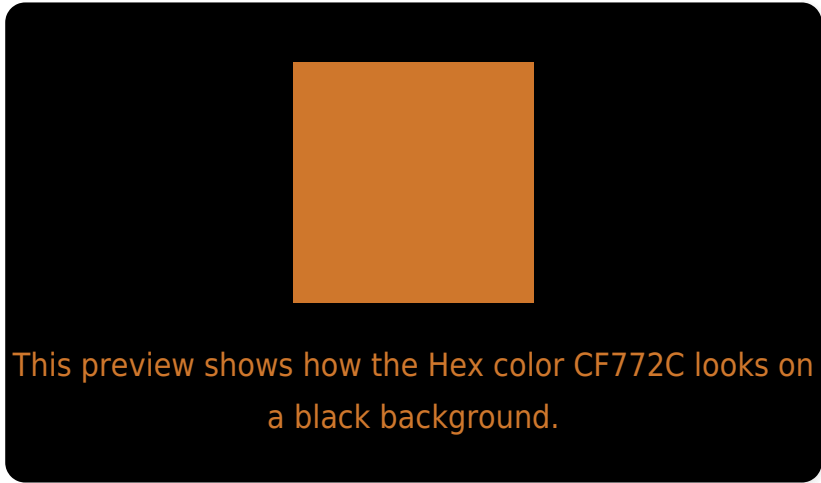
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF772C Background



This preview shows how black text looks on a background with the Hex color CF772C.



This preview shows how white text looks on a background with the Hex color CF772C.

# 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**  
CF772C

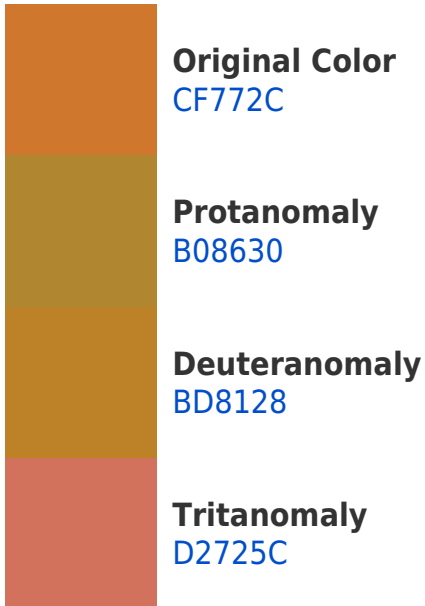
**Protanopia**  
9E8E32

**Deuteranopia**  
B28626



**Tritanopia**  
D36F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF772C 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 #CF772C looks like.

```
.text, #text, p{  
    color:#CF772C  
}
```

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 #CF772C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF772C
}
```

## Border

The CSS property to change the border of an element to Hex CF772C 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
#CF772C }
```

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

```
.border{ border-color:#CF772C }
```

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

Here you see how a box with a 4 pixel #CF772C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF772C; -webkit-box-shadow:4px 4px  
4px 4px #CF772C; box-shadow:4px 4px 4px  
4px #CF772C }
```

# Background

The CSS property to change the background color of an element to Hex CF772C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF772C }
```

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

```
.background{ background-color:#CF772C }
```

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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