

# Converting Colors

Hex(C76C4C)

Have a look what the booklet for  
Hex(C76C4C) contains.

<b>Hex(C76C4C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(C76C4C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C76C4C
RGB	199, 108, 76
RGB Percent	78%, 42%, 30%
CMY	0.2196, 0.5765, 0.7020
CMYK	0.00, 0.46, 0.62, 0.22
HSL	16°, 52%, 54%
HSV	16°, 62%, 78%
XYZ	30.2203, 23.3890, 9.7592
YIQ	131.5610, 64.5080, 9.3400

# Conversions

## Conversions Part 2

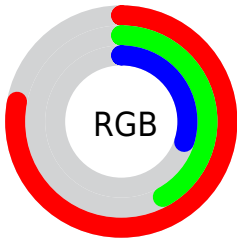
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 119, 76
Decimal	13069388
CIE Lab	55.47, 33.20, 33.72
CIE LCh	55, 47.321, 45.446
Yxy	23.3890, 0.4769, 0.3691
Android (android.graphics.Color)	4291259468 (0xFFC76C4C)
YUV	131.5610, -27.3916, 59.1440
Hunter-Lab	48.3622, 26.9060, 21.8892

# Details

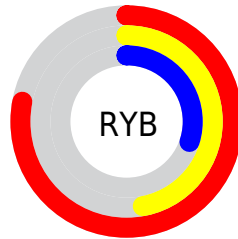
The Hex color **C76C4C** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4CA7C7**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FFA17E**, and **8C3A1E** is the 20% darker color. If you saturate the color by 10%, you get **C75D38**, and if you desaturate by 10%, it is **C77B60**.

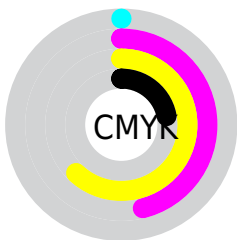
# Distribution



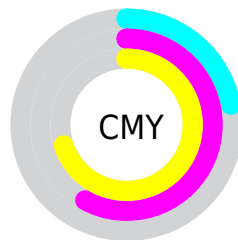
- Red (78%)
- Green (42%)
- Blue (30%)



- Red (78%)
- Yellow (47%)
- Blue (30%)



- Cyan (0%)
- Magenta (46%)
- Yellow (62%)
- Black (22%)



- Cyan (22%)
- Magenta (58%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C76C4C 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 C76C4C by changing the saturation by 10% instead.



 C76C4C

 C76C4C

FFFFFF

 A95335

 FFA17E

 8C3A1E

 FFBC98

 702207

 FFD8B3

 540700

 FFF5CE

 380000

 FFFFEB

 1B0001

 000000

 C76C4C

 C76C4C

 C75D38

 C77B60

 C74F24

 C78974

 C74010

 C79888

 C73400

 C7A79C

 C7B6B0

 C7C4C3

 C7D3D7

 C7E2EB

 C7F1FF

# Harmonies

## Analogous

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



D16171



C76C4C



AD7C33

# Triad

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



C76C4C



00986F



6482D4

# Complementary

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



C76C4C



4CA7C7

# 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.



008FD4



C76C4C



009999

# Square

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



C76C4C



599349



0097BE



A371BF

# Rectangle

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



C76C4C



95852E



0097BE



4487D7



# Sweetspot

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



C76C4C



FFDBC9



C74CA8



806A62



000000



808080



# Same Dimension

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



C76C4C



FF7342



C7A84C



635C5A



A32A00



240900



# Inverse Universe

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



4CA7C7



42CEFF



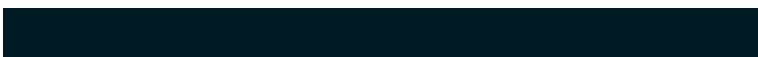
4C6BC7



5A6163



0079A3

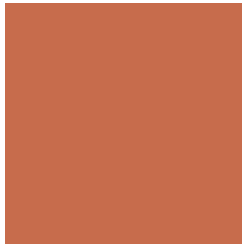


001A24



# Previews

## White Background



This preview shows how the Hex color C76C4C looks on a white background.

## Color Contrast Check

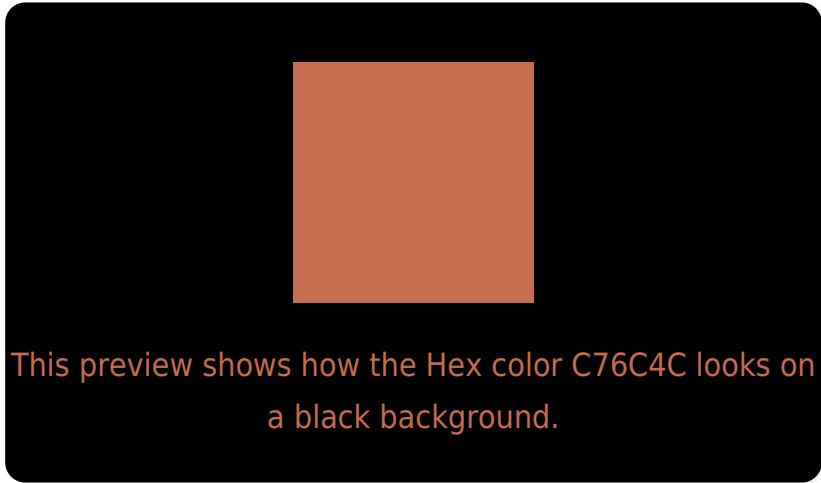
Large Text (above 18pt) WCAG AA ✓ Pass

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 C76C4C Background



This preview shows how black text looks on a background with the Hex color C76C4C.



This preview shows how white text looks on a background with the Hex color C76C4C.

# 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**  
C76C4C

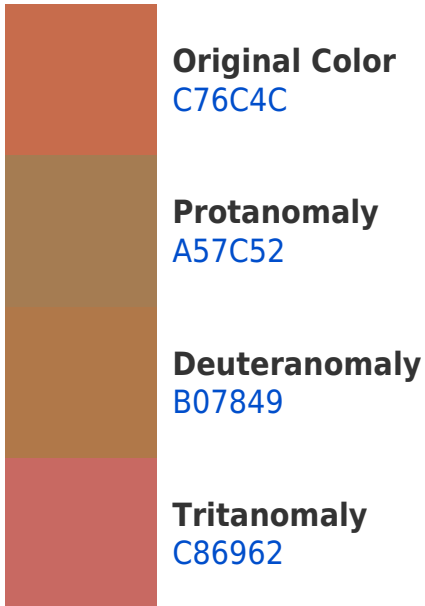
**Protanopia**  
918555

**Deuteranopia**  
A37F48

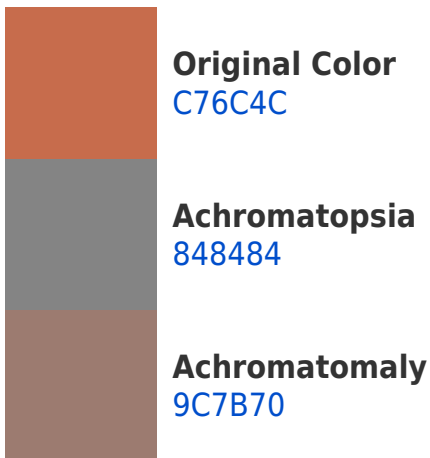


**Tritanopia**  
C9686F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C76C4C 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 #C76C4C looks like.

```
.text, #text, p{  
    color:#C76C4C  
}
```

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 #C76C4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C76C4C  
}
```

## Border

The CSS property to change the border of an element to Hex C76C4C 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  
#C76C4C }
```

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

```
.border{ border-color:#C76C4C }
```

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

Here you see how a box with a 4 pixel #C76C4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C76C4C; -webkit-box-shadow:4px 4px  
4px 4px #C76C4C; box-shadow:4px 4px 4px  
4px #C76C4C }
```

# Background

The CSS property to change the background color of an element to Hex C76C4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C76C4C }
```

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

```
.background{ background-color:#C76C4C }
```

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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