

# Converting Colors

Hex(C0771D)

Have a look what the booklet for  
Hex(C0771D) contains.

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**Color**

**Hex(C0771D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C0771D
RGB	192, 119, 29
RGB Percent	75%, 47%, 11%
CMY	0.2471, 0.5333, 0.8863
CMYK	0.00, 0.38, 0.85, 0.25
HSL	33°, 74%, 43%
HSV	33°, 85%, 75%
XYZ	28.5568, 24.4888, 4.3841
YIQ	130.5670, 72.3980, -12.5140

# Conversions

## Conversions Part 2

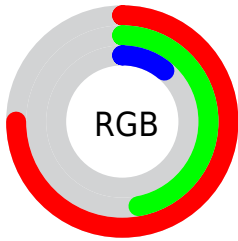
Format	Color
<a href="#">RYB</a>	<a href="#">161, 192, 29</a>
Decimal	<a href="#">12613405</a>
<a href="#">CIELab</a>	<a href="#">56.57, 22.06, 56.58</a>
<a href="#">CIElCh</a>	<a href="#">57, 60.728, 68.695</a>
<a href="#">Yxy</a>	<a href="#">24.4888, 0.4972, 0.4264</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4290803485 (0xFFC0771D)</a>
<a href="#">YUV</a>	<a href="#">130.5670, -50.0725, 53.8767</a>
<a href="#">Hunter-Lab</a>	<a href="#">49.4862, 16.4056, 29.3877</a>

# Details

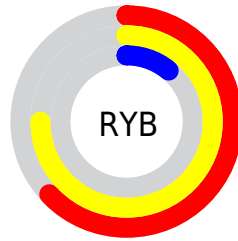
The Hex color **C0771D** is a dark color, and the websafe version is hex **996600**. The color can be described as dark washed orange. A complement of this color would be **1D66C0**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FDAB52**, and **854600** is the 20% darker color. If you saturate the color by 10%, you get **C06E0A**, and if you desaturate by 10%, it is **C08030**.

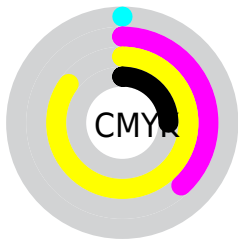
# Distribution



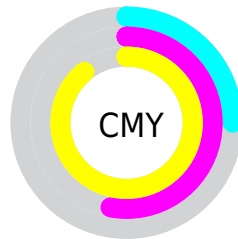
- Red (75%)
- Green (47%)
- Blue (11%)



- Red (63%)
- Yellow (75%)
- Blue (11%)



- Cyan (0%)
- Magenta (38%)
- Yellow (85%)
- Black (25%)



- Cyan (25%)
- Magenta (53%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0771D 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 C0771D by changing the saturation by 10% instead.



 C0771D

 C0771D

FFFFFF

 A25E00

 FDAB52

 854600

 FFC76D

 682F00

 FFE387

 4C1900

 FFFFFA2

 310400

 FFFFBE

 110000

 FFFFDB

 000000

 FFFFFF8

 C0771D

 C0771D

 C06E0A

 C08030

 C06A00

 C08843

 C09157

 C0996A

 C0A27D

 C0AB90

 C0B3A3

 C0BCB7

 C0C4CA

# Harmonies

## Analogous

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



DE6148



C0771D



948A05

# Triad

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



C0771D



00A196



9D73DB

# Complementary

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



C0771D



1D66C0

# 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.



2189F1



C0771D



009FC9

# Square

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



C0771D



009E5F



0098EA



D35CAF

# Rectangle

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



C0771D



70931E



0098EA



827BE5

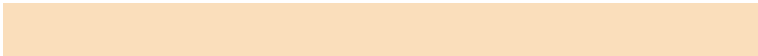


# Sweetspot

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



C0771D



FADEBB



C01D66



7D6C57



FCFCFC



7D7D7D



# Same Dimension

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



C0771D



FA8A00



B8C01D



615D57



A15900



211200



# Inverse Universe

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



1D66C0



0070FA



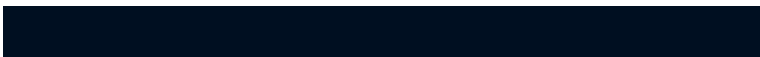
251DC0



575C61



0048A1



000F21



# Previews

## White Background



This preview shows how the Hex color C0771D looks on a white background.

## Color Contrast Check

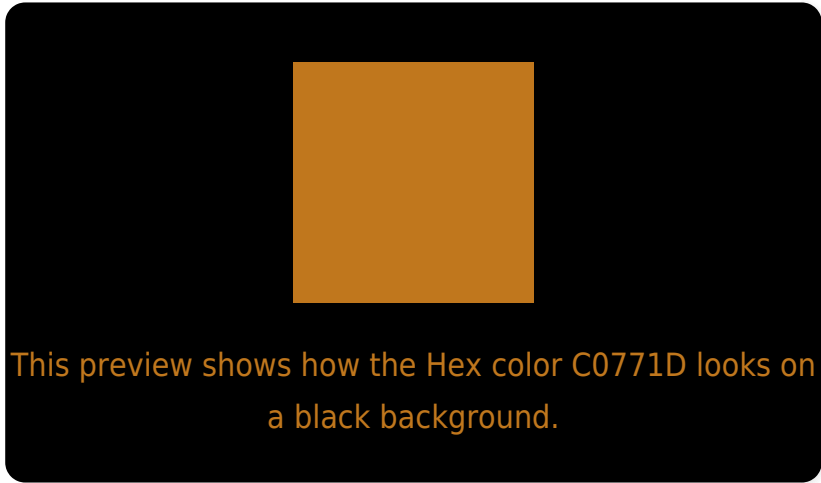
Large Text (above 18pt) WCAG AA ✓ Pass

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 C0771D Background



This preview shows how black text looks on a background with the Hex color C0771D.



This preview shows how white text looks on a background with the Hex color C0771D.

# 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**  
C0771D

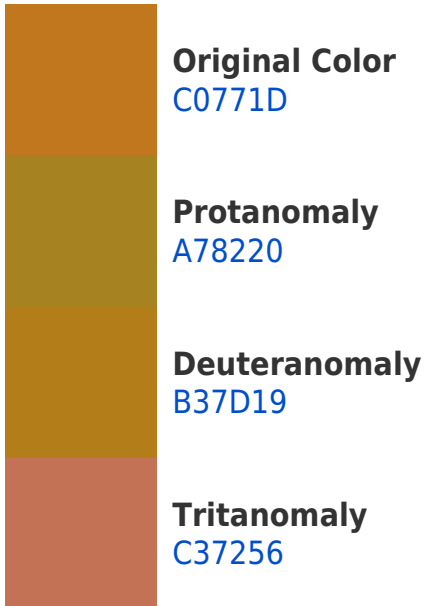
**Protanopia**  
998821

**Deuteranopia**  
AC8117



**Tritanopia**  
C46F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0771D 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 #C0771D looks like.

```
.text, #text, p{  
    color:#C0771D  
}
```

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 #C0771D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0771D
}
```

## Border

The CSS property to change the border of an element to Hex C0771D 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
#C0771D }
```

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

```
.border{ border-color:#C0771D }
```

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

Here you see how a box with a 4 pixel #C0771D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0771D; -webkit-box-shadow:4px 4px  
4px 4px #C0771D; box-shadow:4px 4px 4px  
4px #C0771D }
```

# Background

The CSS property to change the background color of an element to Hex C0771D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0771D }
```

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

```
.background{ background-color:#C0771D }
```

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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