

# Converting Colors

Hex(C77717)

Have a look what the booklet for  
Hex(C77717) contains.

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**Color**

**Hex(C77717)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C77717
RGB	199, 119, 23
RGB Percent	78%, 47%, 9%
CMY	0.2196, 0.5333, 0.9098
CMYK	0.00, 0.40, 0.88, 0.22
HSL	33°, 79%, 44%
HSV	33°, 88%, 78%
XYZ	30.3047, 25.3976, 4.1156
YIQ	131.9760, 78.4960, -12.8960

# Conversions

## Conversions Part 2

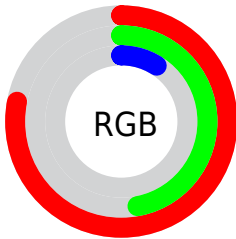
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	170, 199, 23
Decimal	13072151
CIE <sub>Lab</sub>	57.46, 24.94, 59.54
CIE <sub>LCh</sub>	57, 64.549, 67.271
Yxy	25.3976, 0.5066, 0.4246
Android (android.graphics.Color)	4291262231 (0xFFC77717)
YUV	131.9760, -53.7252, 58.7800
Hunter-Lab	50.3961, 19.1443, 30.4353

# Details

The Hex color **C77717** 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 **1767C7**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FFAC4F**, and **8B4600** is the 20% darker color. If you saturate the color by 10%, you get **C76E03**, and if you desaturate by 10%, it is **C7802B**.

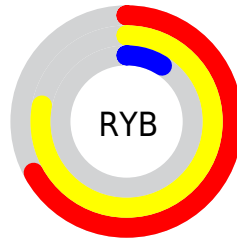
# Distribution



Red (78%)

Green (47%)

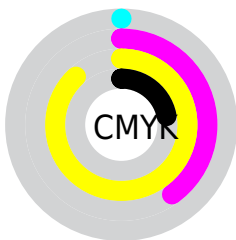
Blue (9%)



Red (67%)

Yellow (78%)

Blue (9%)

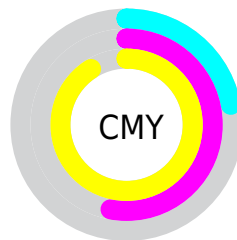


Cyan (0%)

Magenta (40%)

Yellow (88%)

Black (22%)



Cyan (22%)

Magenta (53%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C77717 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 C77717 by changing the saturation by 10% instead.



 C77717

 C77717

FFFFFF

 A95E00


 FFAC4F

 8B4600

 FFC769

 6E2F00

 FFE384

 511800

 FFFF9F

 360200

 FFFFBB

 1B0001

 FFFFD7

 000000

 FFFFF4

 C77717

 C77717

 C76E03

 C7802B

 C76D00

 C7893F

 C79253

 C79B67

 C7A47B

 C7AD8E

 C7B6A2

 C7BFB6

 C7C8CA

# Harmonies

## Analogous

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



E65E49



C77717



988C00

# Triad

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



C77717



00A497



9D75E4

# Complementary

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



C77717



1767C7

# 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.



008CFA



C77717



00A3CD

# Square

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



C77717



00A15C



009BF2



D85BB7

# Rectangle

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



C77717



739612



009BF2



7E7DEF



# Sweetspot

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



C77717



FFE0BA



C71769



806D57



000000



808080



# Same Dimension

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



C77717



FF8B00



C1C717



635F5A



A35900



241300



# Inverse Universe

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



1767C7



0074FF



1D17C7



5A5E63



004AA3



001024



# Previews

## White Background



This preview shows how the Hex color C77717 looks on a white background.

## Color Contrast Check

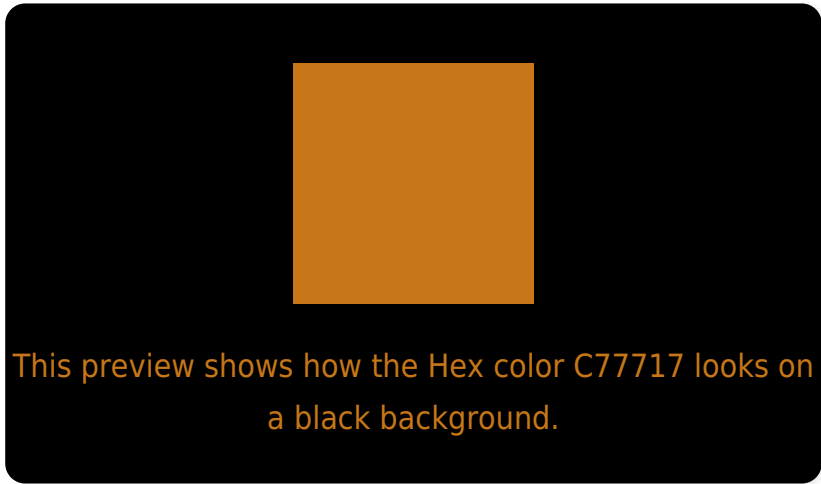
Large Text (above 18pt) WCAG AA ✓ Pass

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 C77717 Background



This preview shows how black text looks on a background with the Hex color C77717.



This preview shows how white text looks on a background with the Hex color C77717.

# 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**  
C77717

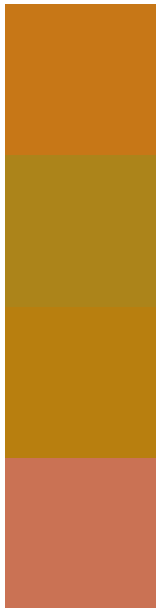
**Protanopia**  
9C8B1C

**Deuteranopia**  
AF830B



**Tritanopia**  
CB6F77

# Trichromacy



**Original Color**  
C77717

**Protanomaly**  
AC841A

**Deuteranomaly**  
B87F0F

**Tritanomaly**  
CA7254

# Monochromacy



**Original Color**  
C77717

**Achromatopsia**  
848484

**Achromatomaly**  
9C7F5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C77717 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 #C77717 looks like.

```
.text, #text, p{  
    color:#C77717  
}
```

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 #C77717 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C77717
}
```

## Border

The CSS property to change the border of an element to Hex C77717 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
#C77717 }
```

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

```
.border{ border-color:#C77717 }
```

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

Here you see how a box with a 4 pixel #C77717 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C77717; -webkit-box-shadow:4px 4px  
4px 4px #C77717; box-shadow:4px 4px 4px  
4px #C77717 }
```

# Background

The CSS property to change the background color of an element to Hex C77717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C77717 }
```

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

```
.background{ background-color:#C77717 }
```

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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