

# Converting Colors

Hex(C77E22)

Have a look what the booklet for  
Hex(C77E22) contains.

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**Color**

**Hex(C77E22)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C77E22
RGB	199, 126, 34
RGB Percent	78%, 49%, 13%
CMY	0.2196, 0.5059, 0.8667
CMYK	0.00, 0.37, 0.83, 0.22
HSL	33°, 71%, 46%
HSV	33°, 83%, 78%
XYZ	31.3028, 27.1793, 5.1097
YIQ	137.3390, 73.0400, -13.1360

# Conversions

## Conversions Part 2

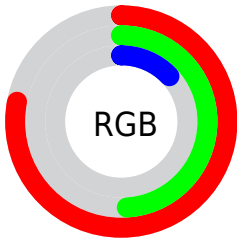
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">165, 199, 34</a>
Decimal	<a href="#">13073954</a>
CIELab	<a href="#">59.14, 21.41, 57.41</a>
CIELCh	<a href="#">59, 61.275, 69.547</a>
Yxy	<a href="#">27.1793, 0.4922, 0.4274</a>
Android (android.graphics.Color)	<a href="#">4291264034 (0xFFC77E22)</a>
YUV	<a href="#">137.3390, -50.9461, 54.0767</a>
Hunter-Lab	<a href="#">52.1338, 15.9429, 30.6826</a>

# Details

The Hex color **C77E22** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **226BC7**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFB357**, and **8B4D00** is the 20% darker color. If you saturate the color by 10%, you get **C7750E**, and if you desaturate by 10%, it is **C78736**.

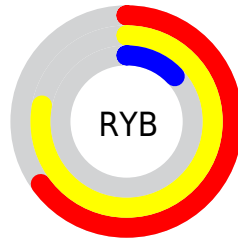
# Distribution



Red (78%)

Green (49%)

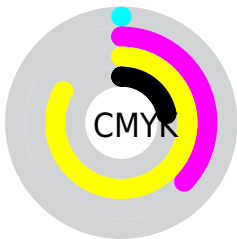
Blue (13%)



Red (65%)

Yellow (78%)

Blue (13%)

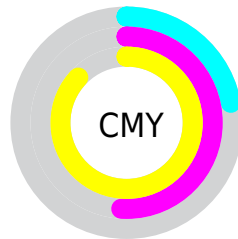


Cyan (0%)

Magenta (37%)

Yellow (83%)

Black (22%)



Cyan (22%)

Magenta (51%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C77E22 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 C77E22 by changing the saturation by 10% instead.



 C77E22

 C77E22

FFFFFF

 A96500

 FFB357

 8B4D00

 FFCE72

 6F3600

 FFE88C

 522000

 FFF8A8

 370A00

 FFF8C4

 1F0001

 FFF8E0

 000000

 FFFFFFFD

 C77E22

 C77E22

 C7750E

 C78736

 C76F00

 C7904A

 C7985E

 C7A172

 C7AA86

 C7B399

 C7BCAD

 C7C4C1

 C7CDD5

# Harmonies

## Analogous

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



E6684C



C77E22



999110

# Triad

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



C77E22



00A89F



A778E2

# Complementary

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



C77E22



226BC7

# 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.



358FF9



C77E22



00A6D2

# Square

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



C77E22



00A567



009EF3



DC62B5

# Rectangle

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



C77E22



749B26



009EF3



8C80ED



# Sweetspot

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



C77E22



FFE3BF



C7226C



806F59



000000



808080



# Same Dimension

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



C77E22



FF8F03



BFC722



635F5A



A35B00



241400



# Inverse Universe

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



226BC7



0372FF



2A22C7



5A5E63



0048A3

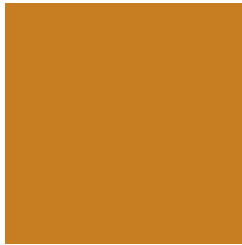


001024



# Previews

## White Background



This preview shows how the Hex color C77E22 looks on a white background.

## Color Contrast Check

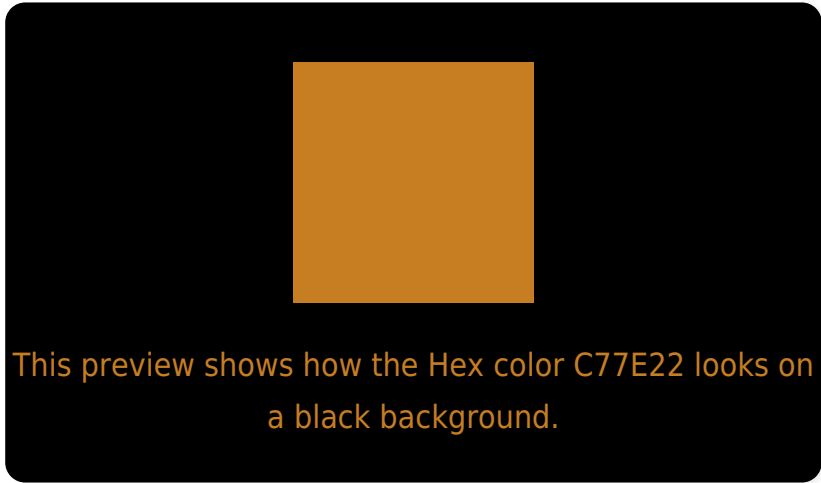
Large Text (above 18pt) WCAG AA ✓ Pass

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

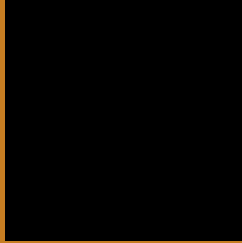
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C77E22 Background



This preview shows how black text looks on a background with the Hex color C77E22.



This preview shows how white text looks on a background with the Hex color C77E22.

# 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



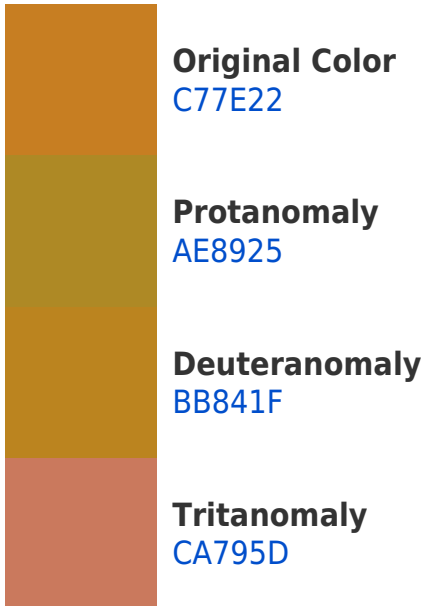
**Original Color**  
C77E22

**Protanopia**  
A08F26

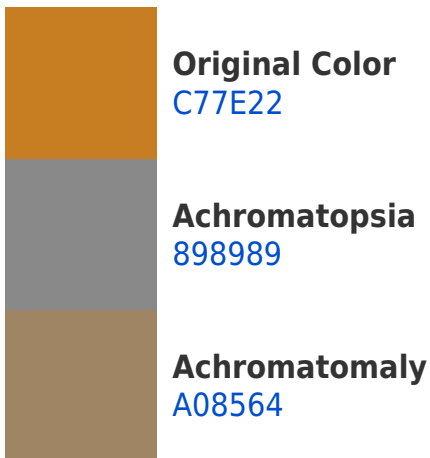
**Deuteranopia**  
B4871D



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C77E22 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 #C77E22 looks like.

```
.text, #text, p{  
    color:#C77E22  
}
```

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 #C77E22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C77E22
}
```

## Border

The CSS property to change the border of an element to Hex C77E22 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
#C77E22 }
```

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

```
.border{ border-color:#C77E22 }
```

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

Here you see how a box with a 4 pixel #C77E22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C77E22; -webkit-box-shadow:4px 4px  
4px 4px #C77E22; box-shadow:4px 4px 4px  
4px #C77E22 }
```

# Background

The CSS property to change the background color of an element to Hex C77E22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C77E22 }
```

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

```
.background{ background-color:#C77E22 }
```

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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