

# Converting Colors

Hex(C77912)

Have a look what the booklet for  
Hex(C77912) contains.

<b>Hex(C77912)</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(C77912)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C77912
RGB	199, 121, 18
RGB Percent	78%, 47%, 7%
CMY	0.2196, 0.5255, 0.9294
CMYK	0.00, 0.39, 0.91, 0.22
HSL	34°, 83%, 43%
HSV	34°, 91%, 78%
XYZ	30.4997, 25.8605, 3.9563
YIQ	132.5800, 79.5510, -15.4970

# Conversions

## Conversions Part 2

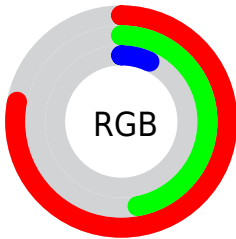
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 199, 18
Decimal	13072658
CIE <sub>Lab</sub>	57.90, 23.76, 61.18
CIE <sub>LCh</sub>	58, 65.630, 68.776
Yxy	25.8605, 0.5057, 0.4287
Android (android.graphics.Color)	4291262738 (0xFFC77912)
YUV	132.5800, -56.4879, 58.2503
Hunter-Lab	50.8533, 18.0640, 30.9846

# Details

The Hex color **C77912** 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 **1260C7**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FFAE4C**, and **8B4800** is the 20% darker color. If you saturate the color by 10%, you get **C77100**, and if you desaturate by 10%, it is **C78226**.

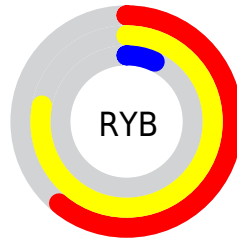
# Distribution



Red (78%)

Green (47%)

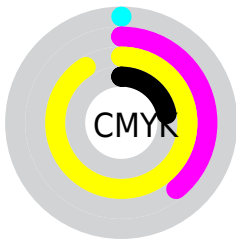
Blue (7%)



Red (61%)

Yellow (78%)

Blue (7%)

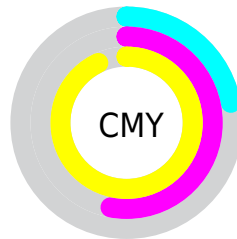


Cyan (0%)

Magenta (39%)

Yellow (91%)

Black (22%)



Cyan (22%)

Magenta (53%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C77912 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 C77912 by changing the saturation by 10% instead.



 C77912

 C77912

FFFFFF

 A96000


 FFAE4C

 8B4800

 FFC966

 6E3100

 FFE581

 511B00

 FFFF9C

 360500

 FFFFFB8

 1C0001

 FFFFFD5

 000000

 FFFFFF2

 C77912

 C77912

■ C77100

■ C78226

■ C78A3A

■ C7934E

■ C79B62

■ C7A476

■ C7AC89

■ C7B59D

■ C7BEB1

■ C7C6C5

# Harmonies

## Analogous

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



E86046



C77912



978E00

# Triad

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



C77912



00A69B



A274E5

# Complementary

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



C77912



1260C7

# 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.



008CFD



C77912



00A4D2

# Square

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



C77912



00A35F



009CF6



DC5AB6

# Rectangle

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



C77912



709813



009CF6



847DF1



# Sweetspot

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



C77912



FFE1BA



C71260



806E57



000000



808080



# Same Dimension

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



C77912



FF9100



BBC712



635F5A



A35D00



241400



# Inverse Universe

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



1260C7



006EFF



1E12C7



5A5E63



0046A3



000F24



# Previews

## White Background



This preview shows how the Hex color C77912 looks on a white background.

## Color Contrast Check

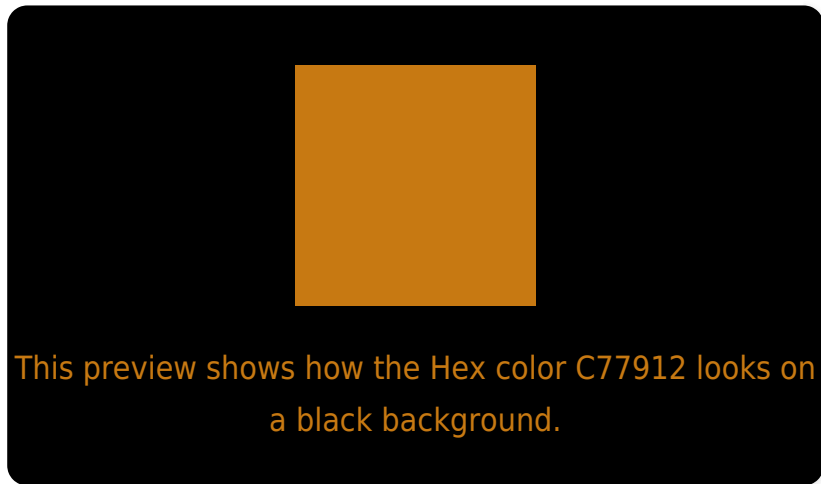
Large Text (above 18pt) WCAG AA ✓ Pass

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 C77912 Background



This preview shows how black text looks on a background with the Hex color C77912.



This preview shows how white text looks on a background with the Hex color C77912.

# 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**  
C77912

**Protanopia**  
9D8C18

**Deuteranopia**  
B18400



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C77912 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 #C77912 looks like.

```
.text, #text, p{  
    color:#C77912  
}
```

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 #C77912 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C77912
}
```

## Border

The CSS property to change the border of an element to Hex C77912 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
#C77912 }
```

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

```
.border{ border-color:#C77912 }
```

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

Here you see how a box with a 4 pixel #C77912 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C77912; -webkit-box-shadow:4px 4px  
4px 4px #C77912; box-shadow:4px 4px 4px  
4px #C77912 }
```

# Background

The CSS property to change the background color of an element to Hex C77912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C77912 }
```

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

```
.background{ background-color:#C77912 }
```

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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