

# Converting Colors

Hex(C47909)

Have a look what the booklet for  
Hex(C47909) contains.

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**Color**

**Hex(C47909)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C47909
RGB	196, 121, 9
RGB Percent	77%, 47%, 4%
CMY	0.2314, 0.5255, 0.9647
CMYK	0.00, 0.38, 0.95, 0.23
HSL	36°, 91%, 40%
HSV	36°, 95%, 77%
XYZ	29.6516, 25.4302, 3.6042
YIQ	130.6570, 80.6520, -18.9320

# Conversions

## Conversions Part 2

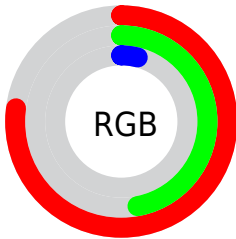
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 196, 9
Decimal	12876041
CIELab	57.49, 22.33, 62.49
CIElCh	57, 66.365, 70.335
Yxy	25.4302, 0.5053, 0.4333
Android (android.graphics.Color)	4291066121 (0xFFC47909)
YUV	130.6570, -59.9769, 57.3058
Hunter-Lab	50.4284, 16.7074, 31.0624

# Details

The Hex color **C47909** 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 **0954C4**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FFAE48**, and **884800** is the 20% darker color. If you saturate the color by 10%, you get **C47500**, and if you desaturate by 10%, it is **C4811D**.

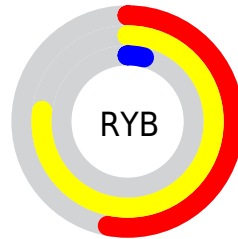
# Distribution



Red (77%)

Green (47%)

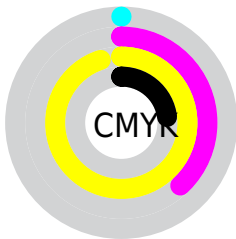
Blue (4%)



Red (53%)

Yellow (77%)

Blue (4%)

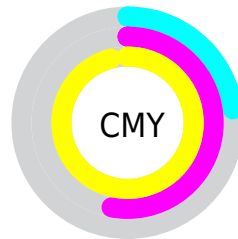


Cyan (0%)

Magenta (38%)

Yellow (95%)

Black (23%)



Cyan (23%)

Magenta (53%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C47909 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 C47909 by changing the saturation by 10% instead.



 C47909

 C47909

FFFFFF

 A66000

 FFAE48

 884800

 FFC962

 6B3100

 FFE57D

 4E1B00

 FFFF98

 340500

 FFFFFB4

 180001

 FFFFFD1

 000000

 FFFFFEE

 C47909

 C47909

■ C47500

■ C4811D

■ C48930

■ C49144

■ C49857

■ C4A06B

■ C4A87F

■ C4B092

■ C4B8A6

■ C4C0B9

# Harmonies

## Analogous

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



E65F41



C47909



938E00

# Triad

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



C47909



00A59D



A571E3

# Complementary

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



C47909



0954C4

# 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.



0C8AFD



C47909



00A3D4

# Square

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



C47909



00A261



009BF7



DE56B2

# Rectangle

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



C47909



6B9712



009BF7



887AEF



# Sweetspot

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



C47909



FFE1B5



C40957



806E53



000000



808080



# Same Dimension

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



C47909



FF9900



B4C409



615D57



A16000



211400



# Inverse Universe

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



0954C4



0066FF



1909C4



575B61



0040A1



000D21



# Previews

## White Background



This preview shows how the Hex color C47909 looks on a white background.

## Color Contrast Check

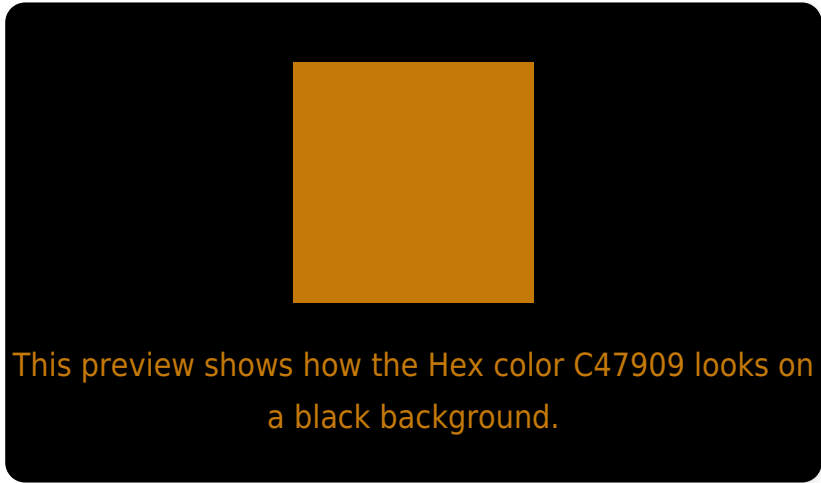
Large Text (above 18pt) WCAG AA ✓ Pass

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 C47909 Background



This preview shows how black text looks on a background with the Hex color C47909.



This preview shows how white text looks on a background with the Hex color C47909.

# 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**  
C47909

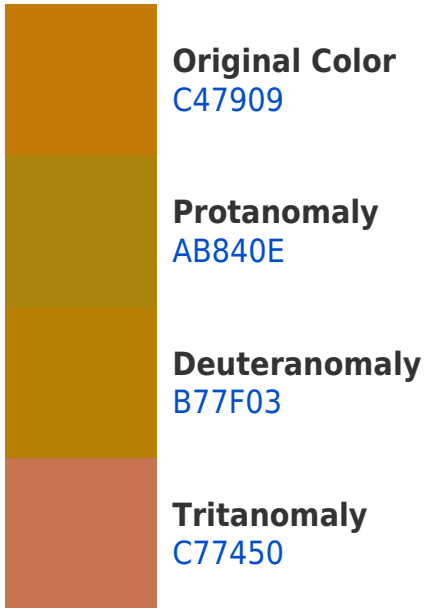
**Protanopia**  
9C8B11

**Deuteranopia**  
AF8300

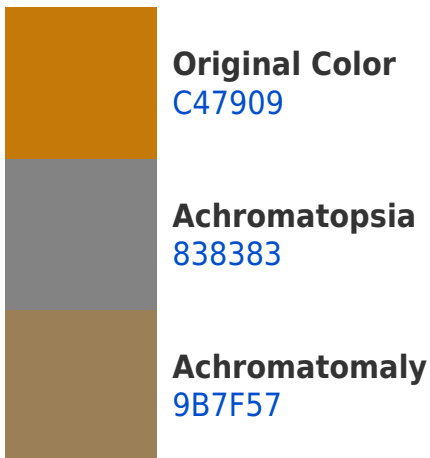


**Tritanopia**  
C97179

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C47909 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 #C47909 looks like.

```
.text, #text, p{  
    color:#C47909  
}
```

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 #C47909 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C47909
}
```

## Border

The CSS property to change the border of an element to Hex C47909 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
#C47909 }
```

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

```
.border{ border-color:#C47909 }
```

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

Here you see how a box with a 4 pixel #C47909 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C47909; -webkit-box-shadow:4px 4px  
4px 4px #C47909; box-shadow:4px 4px 4px  
4px #C47909 }
```

# Background

The CSS property to change the background color of an element to Hex C47909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C47909 }
```

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

```
.background{ background-color:#C47909 }
```

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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