

# Converting Colors

Hex(C47B1C)

Have a look what the booklet for  
Hex(C47B1C) contains.

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**Color**

**Hex(C47B1C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C47B1C
RGB	196, 123, 28
RGB Percent	77%, 48%, 11%
CMY	0.2314, 0.5176, 0.8902
CMYK	0.00, 0.37, 0.86, 0.23
HSL	34°, 75%, 44%
HSV	34°, 86%, 77%
XYZ	30.0575, 25.9855, 4.5301
YIQ	133.9970, 74.0030, -14.0690

# Conversions

## Conversions Part 2

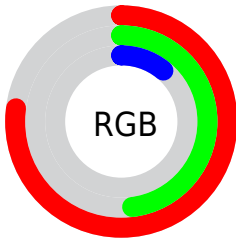
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 196, 28
Decimal	12876572
CIELab	58.02, 21.58, 58.32
CIElCh	58, 62.190, 69.692
Yxy	25.9855, 0.4962, 0.4290
Android (android.graphics.Color)	4291066652 (0xFFC47B1C)
YUV	133.9970, -52.2565, 54.3766
Hunter-Lab	50.9760, 16.0428, 30.4142

# Details

The Hex color **C47B1C** 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 **1C65C4**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FFB052**, and **884A00** is the 20% darker color. If you saturate the color by 10%, you get **C47208**, and if you desaturate by 10%, it is **C48430**.

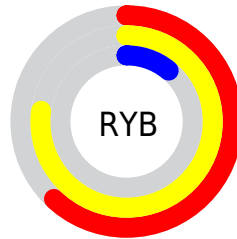
# Distribution



Red (77%)

Green (48%)

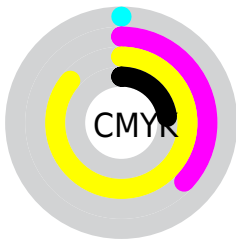
Blue (11%)



Red (62%)

Yellow (77%)

Blue (11%)

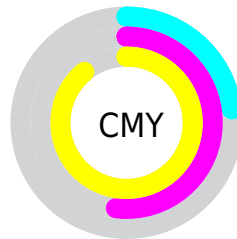


Cyan (0%)

Magenta (37%)

Yellow (86%)

Black (23%)



Cyan (23%)

Magenta (52%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C47B1C 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 C47B1C by changing the saturation by 10% instead.



 C47B1C

 C47B1C

FFFFFF

 A66200

 FFB052

 884A00

 FFCB6D

 6C3300

 FFE787

 4F1D00


 FFFFA3

 340700

 FFFFBF

 1A0001

 FFFFDB

 000000

 FFFFF8

 C47B1C

 C47B1C

 C47208

 C48430

 C46F00

 C48C43

 C49557

 C49D6A

 C4A67E

 C4AE92

 C4B7A5

 C4BFB9

 C4C8CC

# Harmonies

## Analogous

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



E36448



C47B1C



968E05

# Triad

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



C47B1C



00A59C



A475E0

# Complementary

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



C47B1C



1C65C4

# 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.



2C8CF7



C47B1C



00A3D0

# Square

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



C47B1C



00A263



009BF1



DA5DB2

# Rectangle

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



C47B1C



719820



009BF1



897DEB

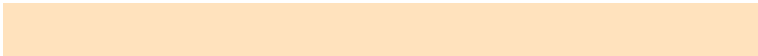


# Sweetspot

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



C47B1C



FFE2BD



C41C68



806E58



000000



808080



# Same Dimension

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



C47B1C



FF9000



BCC41C



615D57



A15B00



211300



# Inverse Universe

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



1C65C4



006FFF



241CC4



575B61



0046A1



000E21



# Previews

## White Background



This preview shows how the Hex color C47B1C looks on a white background.

## Color Contrast Check

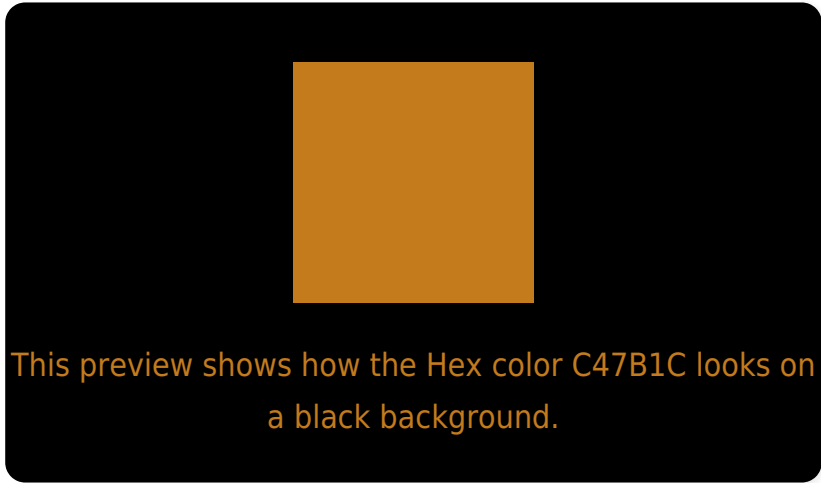
Large Text (above 18pt) WCAG AA ✓ Pass

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 C47B1C Background



This preview shows how black text looks on a background with the Hex color C47B1C.



This preview shows how white text looks on a background with the Hex color C47B1C.

# 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**  
C47B1C

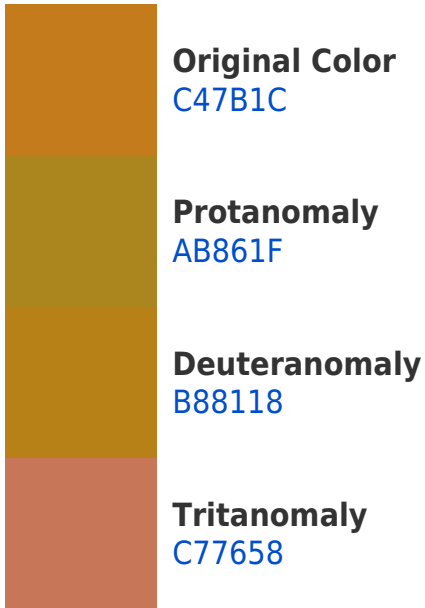
**Protanopia**  
9D8C20

**Deuteranopia**  
B18516

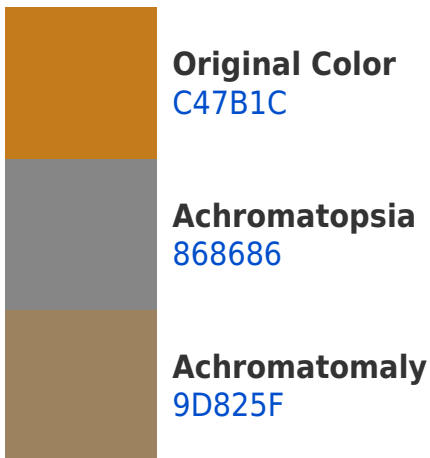


**Tritanopia**  
C9737B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C47B1C 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 #C47B1C looks like.

```
.text, #text, p{  
    color:#C47B1C  
}
```

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 #C47B1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C47B1C
}
```

## Border

The CSS property to change the border of an element to Hex C47B1C 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
#C47B1C }
```

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

```
.border{ border-color:#C47B1C }
```

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

Here you see how a box with a 4 pixel #C47B1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C47B1C; -webkit-box-shadow:4px 4px  
4px 4px #C47B1C; box-shadow:4px 4px 4px  
4px #C47B1C }
```

# Background

The CSS property to change the background color of an element to Hex C47B1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C47B1C }
```

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

```
.background{ background-color:#C47B1C }
```

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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