

Converting Colors

Hex(C67A1C)

Have a look what the booklet for
Hex(C67A1C) contains.

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Color

Hex(C67A1C)

Conversions

Conversions Part 1

Format	Color
Hex	C67A1C
RGB	198, 122, 28
RGB Percent	78%, 48%, 11%
CMY	0.2235, 0.5216, 0.8902
CMYK	0.00, 0.38, 0.86, 0.22
HSL	33°, 75%, 44%
HSV	33°, 86%, 78%
XYZ	30.4578, 26.0087, 4.5135
YIQ	134.0080, 75.4700, -13.1220

Conversions

Conversions Part 2

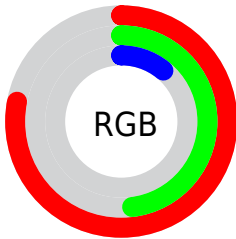
Format	Color
RYB	165, 198, 28
Decimal	13007388
CIELab	58.05, 22.99, 58.45
CIElCh	58, 62.808, 68.524
Yxy	26.0087, 0.4995, 0.4265
Android (android.graphics.Color)	4291197468 (0xFFC67A1C)
YUV	134.0080, -52.2619, 56.1210
Hunter-Lab	50.9987, 17.3574, 30.4518

Details

The Hex color **C67A1C** 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 **1C68C6**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FFAF52**, and **8A4900** is the 20% darker color. If you saturate the color by 10%, you get **C67108**, and if you desaturate by 10%, it is **C68330**.

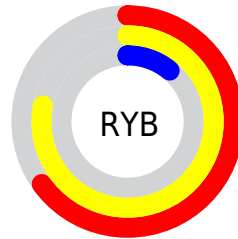
Distribution



Red (78%)

Green (48%)

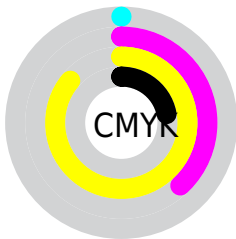
Blue (11%)



Red (65%)

Yellow (78%)

Blue (11%)

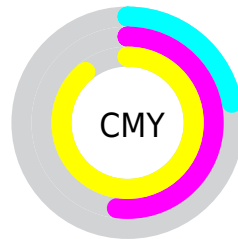


Cyan (0%)

Magenta (38%)

Yellow (86%)

Black (22%)



Cyan (22%)

Magenta (52%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color C67A1C 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 C67A1C by changing the saturation by 10% instead.

 C67A1C

 C67A1C

FFFFFF

 A86100


 FFAF52

 8A4900

 FFCA6D

 6D3200

 FFE687

 511C00


 FFFFA3

 360600

 FFFFBE

 1C0001

 FFFFDB

 000000

 FFFFF8

 C67A1C

 C67A1C

 C67108

 C68330

 C66D00

 C68C44

 C69557

 C69D6B

 C6A67F

 C6AF93

 C6B8A7

 C6C1BA

 C6CACE

Harmonies

Analogous

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



E5634A



C67A1C



988E00

Triad

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



C67A1C



00A59A



A176E2

Complementary

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



C67A1C



1C68C6

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.



198DF9



C67A1C



00A4CF

Square

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



C67A1C



00A361



009CF2



D95DB5

Rectangle

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



C67A1C



73981D



009CF2



857EED

Sweetspot

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



C67A1C



FFE1BD



C61C68



806E58



000000



808080

Same Dimension

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



C67A1C



FF8D00



BEC61C



635F5A



A35A00



241400

Inverse Universe

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



1C68C6



0072FF



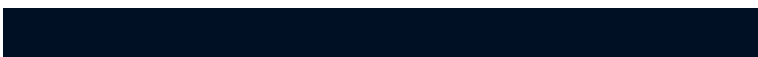
251CC6



5A5E63



0049A3



001024

Previews

White Background



This preview shows how the Hex color C67A1C looks on a white background.

Color Contrast Check

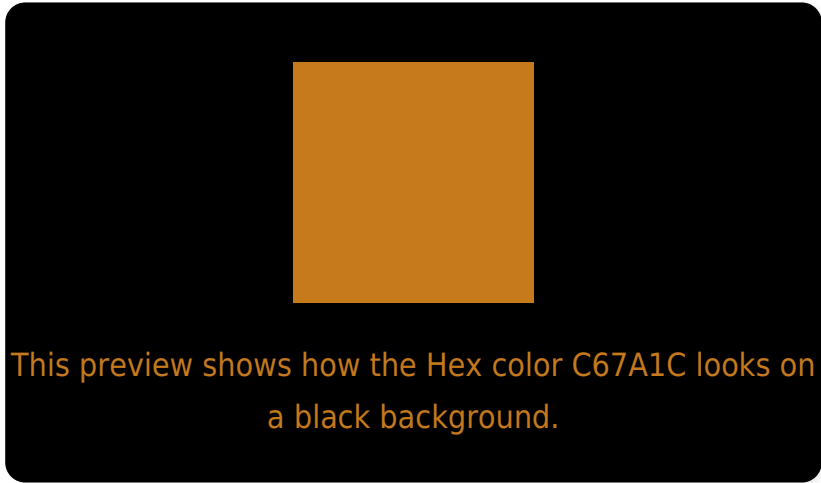
Large Text (above 18pt) WCAG AA ✓ Pass

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 C67A1C Background



This preview shows how black text looks on a background with the Hex color C67A1C.



This preview shows how white text looks on a background with the Hex color C67A1C.

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

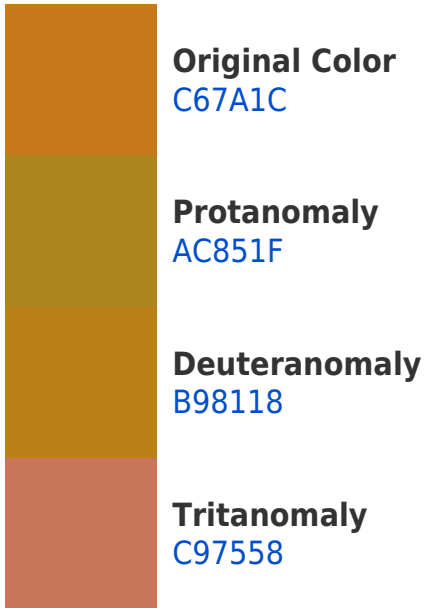


Original Color
C67A1C

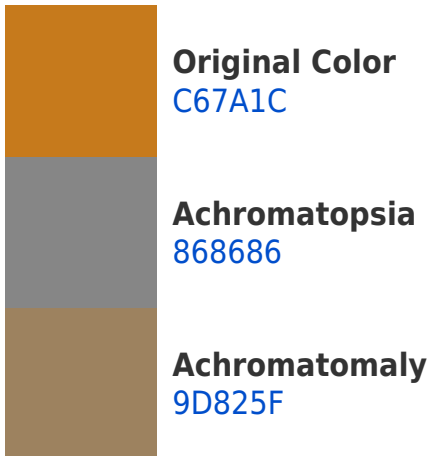
Protanopia
9D8C21

Deuteranopia
B18515

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C67A1C 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 #C67A1C looks like.

```
.text, #text, p{  
    color:#C67A1C  
}
```

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 #C67A1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C67A1C
}
```

Border

The CSS property to change the border of an element to Hex C67A1C 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
#C67A1C }
```

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

```
.border{ border-color:#C67A1C }
```

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

Here you see how a box with a 4 pixel #C67A1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C67A1C; -webkit-box-shadow:4px 4px  
4px 4px #C67A1C; box-shadow:4px 4px 4px  
4px #C67A1C }
```

Background

The CSS property to change the background color of an element to Hex C67A1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C67A1C }
```

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

```
.background{ background-color:#C67A1C }
```

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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