

Converting Colors

Hex(C67E21)

Have a look what the booklet for
Hex(C67E21) contains.

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Color

Hex(C67E21)

Conversions

Conversions Part 1

Format	Color
Hex	C67E21
RGB	198, 126, 33
RGB Percent	78%, 49%, 13%
CMY	0.2235, 0.5059, 0.8706
CMYK	0.00, 0.36, 0.83, 0.22
HSL	34°, 71%, 45%
HSV	34°, 83%, 78%
XYZ	31.0241, 27.0373, 5.0224
YIQ	136.9260, 72.7650, -13.6590

Conversions

Conversions Part 2

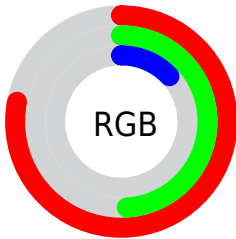
Format	Color
R_{YB}	161, 198, 33
Decimal	13008417
CIE Lab	59.01, 20.95, 57.60
CIE LCh	59, 61.290, 70.013
Yxy	27.0373, 0.4918, 0.4286
Android (android.graphics.Color)	4291198497 (0xFFC67E21)
YUV	136.9260, -51.2355, 53.5619
Hunter-Lab	51.9974, 15.5060, 30.6714

Details

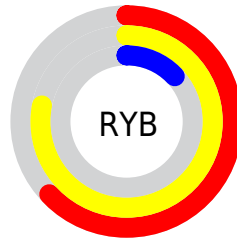
The Hex color **C67E21** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **2169C6**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFB356**, and **8A4D00** is the 20% darker color. If you saturate the color by 10%, you get **C6750D**, and if you desaturate by 10%, it is **C68735**.

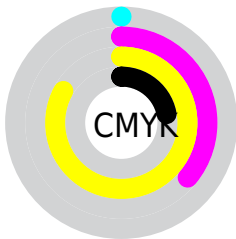
Distribution



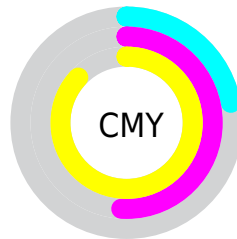
- Red (78%)
- Green (49%)
- Blue (13%)



- Red (63%)
- Yellow (78%)
- Blue (13%)



- Cyan (0%)
- Magenta (36%)
- Yellow (83%)
- Black (22%)



- Cyan (22%)
- Magenta (51%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color C67E21 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 C67E21 by changing the saturation by 10% instead.

 C67E21

 C67E21

FFFFFF

 A86500

 FFB356

 8A4D00

 FFCE71

 6E3600

 FFE88C

 512000

 FFF8A7

 360A00

 FFF8C3

 1E0001

 FFF8DF

 000000

 FFF8FC

 C67E21

 C67E21

 C6750D

 C68735

 C67000

 C68F49

 C6985C

 C6A170

 C6A984

 C6B298

 C6BAAC

 C6C3BF

 C6CCD3

Harmonies

Analogous

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



E5684B



C67E21



989110

Triad

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



C67E21



00A79F



A778E1

Complementary

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



C67E21



2169C6

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.



388EF8



C67E21



00A5D2

Square

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



C67E21



00A567



009EF3



DC61B4

Rectangle

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



C67E21



739A26



009EF3



8D80EC

Sweetspot

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



C67E21



FFE3BF



C6216B



806F59



000000



808080

Same Dimension

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



C67E21



FF9000



BEC621



635F5A



A35C00



241400

Inverse Universe

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



2169C6



006FFF



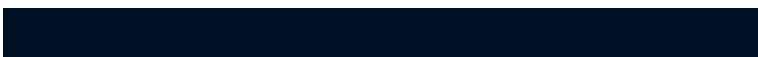
2921C6



5A5E63



0047A3



001024

Previews

White Background



This preview shows how the Hex color C67E21 looks on a white background.

Color Contrast Check

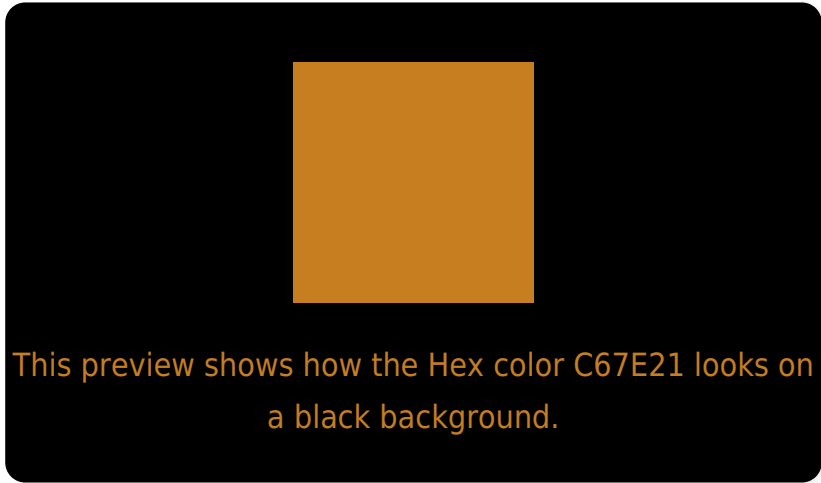
Large Text (above 18pt) WCAG AA ✓ Pass

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 C67E21 Background



This preview shows how black text looks on a background with the Hex color C67E21.



This preview shows how white text looks on a background with the Hex color C67E21.

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
C6E21

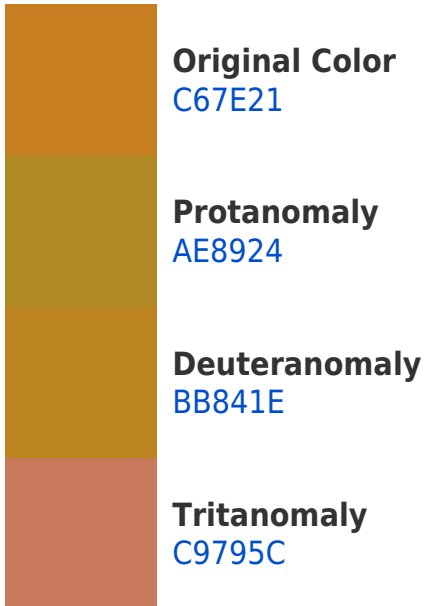
Protanopia
A0F25

Deuteranopia
B4871C

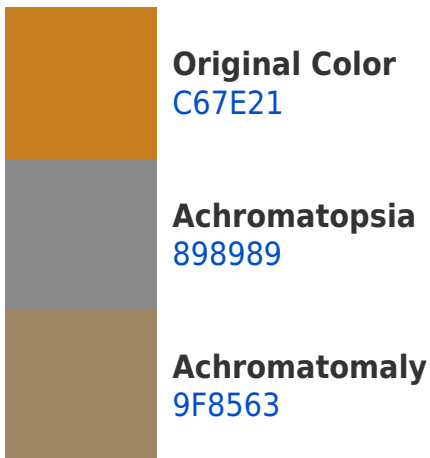


Tritanopia
CB767E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C67E21 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 #C67E21 looks like.

```
.text, #text, p{  
    color:#C67E21  
}
```

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 #C67E21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C67E21
}
```

Border

The CSS property to change the border of an element to Hex C67E21 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
#C67E21 }
```

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

```
.border{ border-color:#C67E21 }
```

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

Here you see how a box with a 4 pixel #C67E21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C67E21; -webkit-box-shadow:4px 4px  
4px 4px #C67E21; box-shadow:4px 4px 4px  
4px #C67E21 }
```

Background

The CSS property to change the background color of an element to Hex C67E21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C67E21 }
```

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

```
.background{ background-color:#C67E21 }
```

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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