

Converting Colors

Hex(C67821)

Have a look what the booklet for
Hex(C67821) contains.

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Color

Hex(C67821)

Conversions

Conversions Part 1

Format	Color
Hex	C67821
RGB	198, 120, 33
RGB Percent	78%, 47%, 13%
CMY	0.2235, 0.5294, 0.8706
CMYK	0.00, 0.39, 0.83, 0.22
HSL	32°, 71%, 45%
HSV	32°, 83%, 78%
XYZ	30.2797, 25.5485, 4.7743
YIQ	133.4040, 74.4150, -10.5210

Conversions

Conversions Part 2

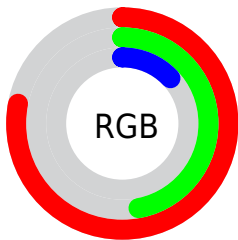
Format	Color
RYB	181, 198, 33
Decimal	13006881
CIELab	57.61, 24.22, 56.38
CIELCh	58, 61.363, 66.753
Yxy	25.5485, 0.4996, 0.4216
Android (android.graphics.Color)	4291196961 (0xFFC67821)
YUV	133.4040, -49.4992, 56.6507
Hunter-Lab	50.5455, 18.4771, 29.7816

Details

The Hex color **C67821** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark muted orange. A complement of this color would be **216FC6**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FFAD56**, and **8A4700** is the 20% darker color. If you saturate the color by 10%, you get **C66F0D**, and if you desaturate by 10%, it is **C68135**.

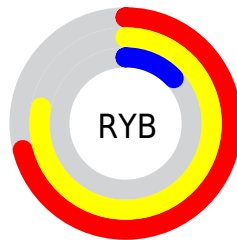
Distribution



Red (78%)

Green (47%)

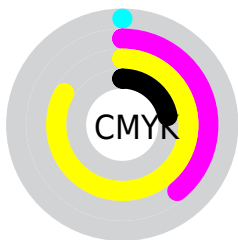
Blue (13%)



Red (71%)

Yellow (78%)

Blue (13%)

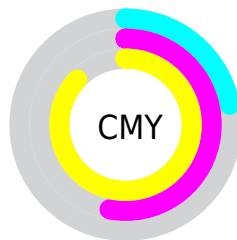


Cyan (0%)

Magenta (39%)

Yellow (83%)

Black (22%)



Cyan (22%)

Magenta (53%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color C67821 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 C67821 by changing the saturation by 10% instead.

 C67821

 C67821

FFFFFF

 A85F00

 FFAD56

 8A4700

 FFC870

 6D3000

 FFE48B

 511900

 FFFFA6

 360400

 FFFFC2

 1B0001

 FFFFDE

 000000

 FFFFFB

 C67821

 C67821

 C66F0D

 C68135

 C66800

 C68B49

 C6945C

 C69D70

 C6A784

 C6B098

 C6BAAC

 C6C3BF

 C6CCD3

Harmonies

Analogous

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



E3624D



C67821



9A8C06

Triad

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



C67821



00A495



9B77E1

Complementary

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



C67821



216FC6

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.



008DF5



C67821



00A2C9

Square

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



C67821



00A15E



009BED



D45FB6

Rectangle

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



C67821



76951D



009BED



7F7FEB

Sweetspot

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



C67821



FFE1BF



C62171



806D59



000000



808080

Same Dimension

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



C67821



FF8600



C3C621



635F5A



A35600



241300

Inverse Universe

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



216FC6



0079FF



2421C6



5A5E63



004DA3



001124

Previews

White Background



This preview shows how the Hex color C67821 looks on a white background.

Color Contrast Check

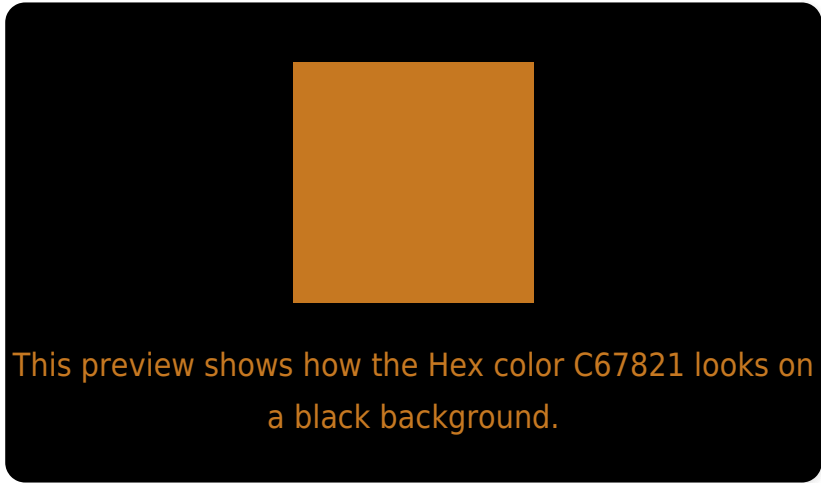
Large Text (above 18pt) WCAG AA ✓ Pass

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 C67821 Background



This preview shows how black text looks on a background with the Hex color C67821.



This preview shows how white text looks on a background with the Hex color C67821.

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

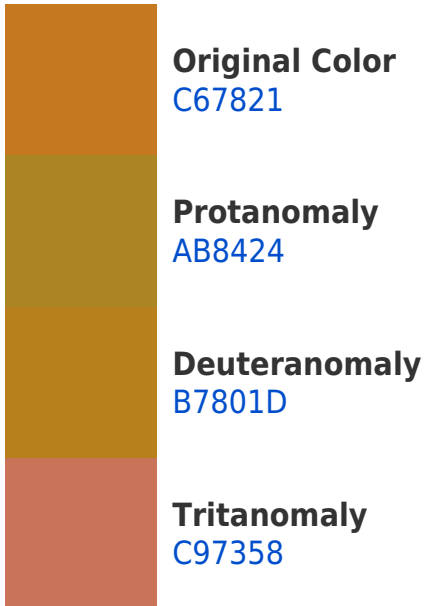


Original Color
C67821

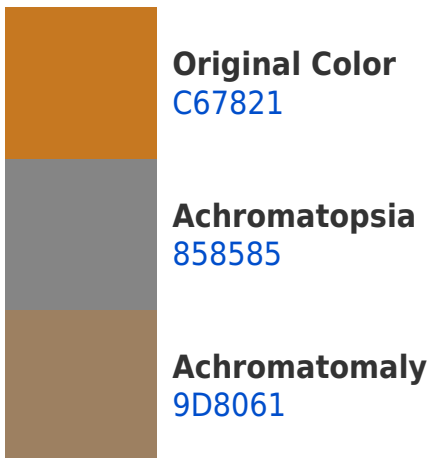
Protanopia
9C8B26

Deuteranopia
AF841B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C67821 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 #C67821 looks like.

```
.text, #text, p{  
    color:#C67821  
}
```

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 #C67821 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C67821
}
```

Border

The CSS property to change the border of an element to Hex C67821 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
#C67821 }
```

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

```
.border{ border-color:#C67821 }
```

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

Here you see how a box with a 4 pixel #C67821 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C67821; -webkit-box-shadow:4px 4px  
4px 4px #C67821; box-shadow:4px 4px 4px  
4px #C67821 }
```

Background

The CSS property to change the background color of an element to Hex C67821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C67821 }
```

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

```
.background{ background-color:#C67821 }
```

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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