

Converting Colors

Hex(C67600)

Have a look what the booklet for
Hex(C67600) contains.

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Color

Hex(C67600)

Conversions

Conversions Part 1

Format	Color
Hex	C67600
RGB	198, 118, 0
RGB Percent	78%, 46%, 0%
CMY	0.2235, 0.5373, 1.0000
CMYK	0.00, 0.40, 1.00, 0.22
HSL	36°, 100%, 39%
HSV	36°, 100%, 78%
XYZ	29.7671, 24.9626, 3.2494
YIQ	128.4680, 85.5580, -19.7380

Conversions

Conversions Part 2

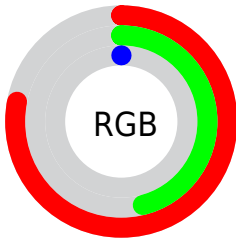
Format	Color
RYB	134, 198, 0
Decimal	13006336
CIELab	57.04, 24.73, 63.89
CIELCh	57, 68.511, 68.844
Yxy	24.9626, 0.5134, 0.4305
Android (android.graphics.Color)	4291196416 (0xFFC67600)
YUV	128.4680, -63.3347, 60.9796
Hunter-Lab	49.9626, 18.9136, 31.1178

Details

The Hex color **C67600** 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 **0050C6**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FFAA43**, and **8A4500** is the 20% darker color. If you saturate the color by 10%, you get **C67600**, and if you desaturate by 10%, it is **C67E14**.

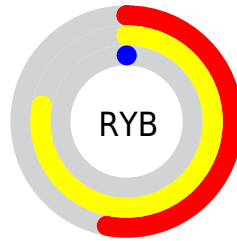
Distribution



Red (78%)

Green (46%)

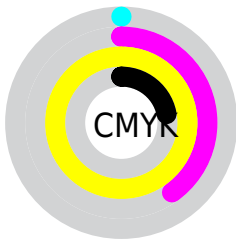
Blue (0%)



Red (53%)

Yellow (78%)

Blue (0%)

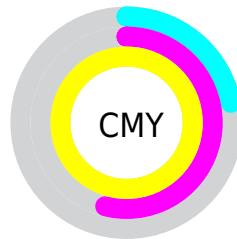


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (22%)



Cyan (22%)

Magenta (54%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C67600 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 C67600 by changing the saturation by 10% instead.

 C67600

 C67600

FFFFFF

 A85D00

 FFAA43

 8A4500

 FFC65E

 6C2E00

 FFE279

 501800

 FFFF94

 350200

 FFFFB0

 190001

 FFFFCC

 000000

 FFFFFE9

 C67600

 C67E14

 C68628

 C68E3B

 C6964F

 C69E63

 C6A677

 C6AE8B

 C6B69E

 C6BEB2

Harmonies

Analogous

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



E85B41



C67600



948C00

Triad

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



C67600



00A49A



A070E7

Complementary

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



C67600



0050C6

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.



008AFF



C67600



00A3D3

Square

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



C67600



00A15B



009BF9



DD53B5

Rectangle

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



C67600



6B9600



009BF9



807AF2

Sweetspot

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



C67600



FFE0B3



C60052



806D52



000000



808080

Same Dimension

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



C67600



FF9800



B6C600



635F5A



A36100



241500

Inverse Universe

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



0050C6



0067FF



1100C6



5A5E63



0042A3



000E24

Previews

White Background



This preview shows how the Hex color C67600 looks on a white background.

Color Contrast Check

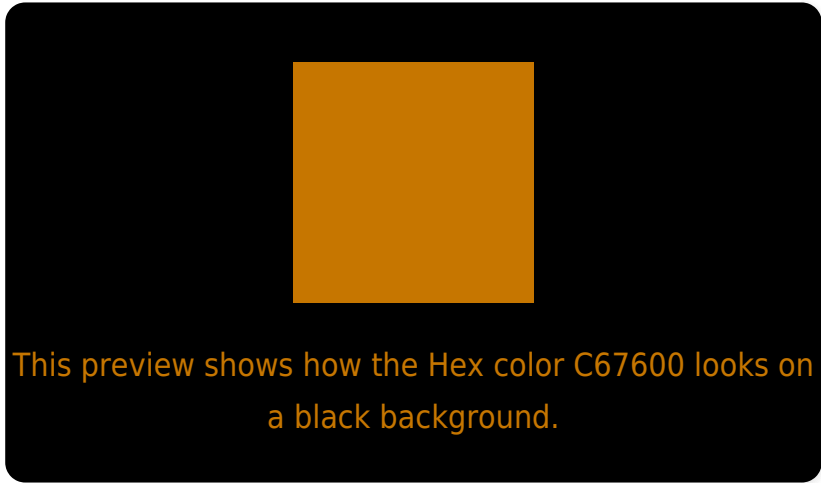
Large Text (above 18pt) WCAG AA ✓ Pass

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 C67600 Background



This preview shows how black text looks on a background with the Hex color C67600.



This preview shows how white text looks on a background with the Hex color C67600.

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
C67600

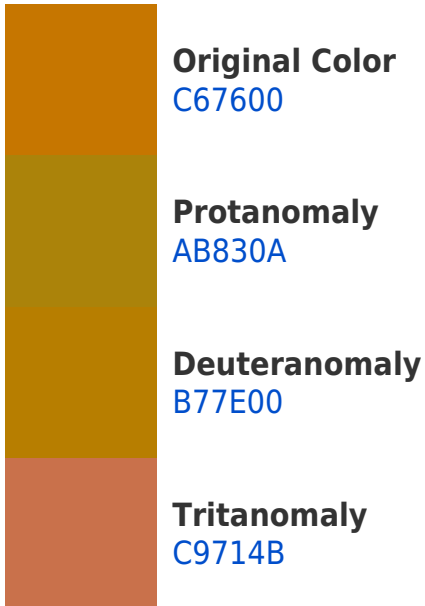
Protanopia
9B8A0F

Deuteranopia
AE8200



Tritanopia
CA6E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C67600 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 #C67600 looks like.

```
.text, #text, p{  
    color:#C67600  
}
```

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 #C67600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C67600
}
```

Border

The CSS property to change the border of an element to Hex C67600 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
#C67600 }
```

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

```
.border{ border-color:#C67600 }
```

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

Here you see how a box with a 4 pixel #C67600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C67600; -webkit-box-shadow:4px 4px  
4px 4px #C67600; box-shadow:4px 4px 4px  
4px #C67600 }
```

Background

The CSS property to change the background color of an element to Hex C67600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C67600 }
```

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

```
.background{ background-color:#C67600 }
```

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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