

Converting Colors

Hex(C66700)

Have a look what the booklet for
Hex(C66700) contains.

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Color

Hex(C66700)

Conversions

Conversions Part 1

Format	Color
Hex	C66700
RGB	198, 103, 0
RGB Percent	78%, 40%, 0%
CMY	0.2235, 0.5961, 1.0000
CMYK	0.00, 0.48, 1.00, 0.22
HSL	31°, 100%, 39%
HSV	31°, 100%, 78%
XYZ	28.1390, 21.7063, 2.7066
YIQ	119.6630, 89.6830, -11.8930

Conversions

Conversions Part 2

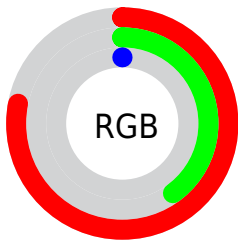
Format	Color
R_{YB}	183, 198, 0
Decimal	13002496
CIE _{Lab}	53.71, 32.75, 61.83
CIE _{LCh}	54, 69.966, 62.089
Yxy	21.7063, 0.5355, 0.4130
Android (android.graphics.Color)	4291192576 (0xFFC66700)
YUV	119.6630, -58.9939, 68.7015
Hunter-Lab	46.5900, 26.2762, 29.1685

Details

The Hex color **C66700** 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 **005FC6**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF9B40**, and **893600** is the 20% darker color. If you saturate the color by 10%, you get **C66700**, and if you desaturate by 10%, it is **C67114**.

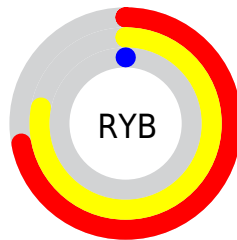
Distribution



Red (78%)

Green (40%)

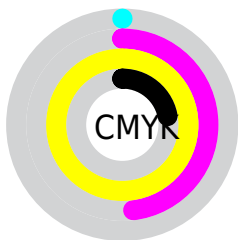
Blue (0%)



Red (72%)

Yellow (78%)

Blue (0%)

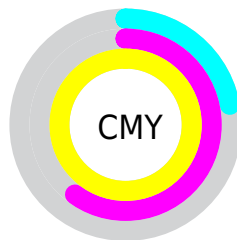


Cyan (0%)

Magenta (48%)

Yellow (100%)

Black (22%)



Cyan (22%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C66700 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 C66700 by changing the saturation by 10% instead.

 C66700

 C66700

FFFFFF

 A74E00

 FF9B40

 893600

 FFB65B

 6B1E00

 FFD275

 4E0300

 FFEF90

 340000

 FFFFAC

 0E0000

 FFFFC8

 000000

 FFFF E5

 C66700

 C67114

 C67A28

 C6843B

 C68D4F

 C69763

 C6A077

 C6AA8B

 C6B39E

 C6BDB2

Harmonies

Analogous

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



E44944



C66700



977F00

Triad

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



C66700



009B83



826EE8

Complementary

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



C66700



005FC6

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.



0087FA



C66700



009BBF

Square

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



C66700



009744



0095EB



CB4EBA

Rectangle

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



C66700



708B00



0095EB



5877F1

Sweetspot

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



C66700



FFDAB3



C60060



806952



000000



808080

Same Dimension

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



C66700



FF8500



C3C600



635F5A



A35500



241300

Inverse Universe

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



005FC6



007AFF



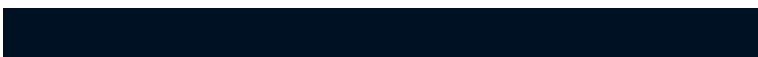
0300C6



5A5E63



004EA3



001124

Previews

White Background



This preview shows how the Hex color C66700 looks on a white background.

Color Contrast Check

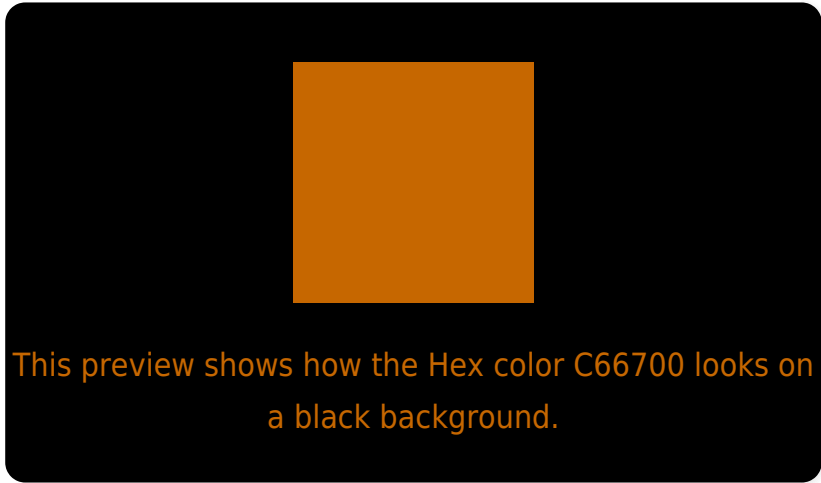
Large Text (above 18pt) WCAG AA ✓ Pass

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 C66700 Background



This preview shows how black text looks on a background with the Hex color C66700.



This preview shows how white text looks on a background with the Hex color C66700.

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
C66700

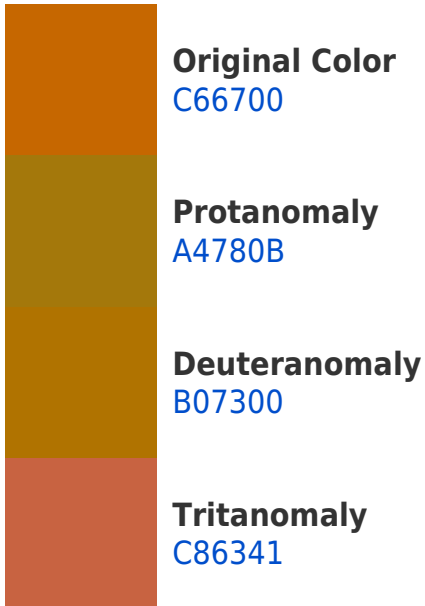
Protanopia
918111

Deuteranopia
A37A00



Tritanopia
C96066

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C66700 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 #C66700 looks like.

```
.text, #text, p{  
    color:#C66700  
}
```

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 #C66700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C66700  
}
```

Border

The CSS property to change the border of an element to Hex C66700 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  
#C66700 }
```

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

```
.border{ border-color:#C66700 }
```

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

Here you see how a box with a 4 pixel #C66700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C66700; -webkit-box-shadow:4px 4px  
4px 4px #C66700; box-shadow:4px 4px 4px  
4px #C66700 }
```

Background

The CSS property to change the background color of an element to Hex C66700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C66700 }
```

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

```
.background{ background-color:#C66700 }
```

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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