

Converting Colors

Hex(C68700)

Have a look what the booklet for
Hex(C68700) contains.

Hex(C68700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C68700)

Conversions

Conversions Part 1

Format	Color
Hex	C68700
RGB	198, 135, 0
RGB Percent	78%, 53%, 0%
CMY	0.2235, 0.4706, 1.0000
CMYK	0.00, 0.32, 1.00, 0.22
HSL	41°, 100%, 39%
HSV	41°, 100%, 78%
XYZ	31.9527, 29.3337, 3.9779
YIQ	138.4470, 80.8830, -28.6290

Conversions

Conversions Part 2

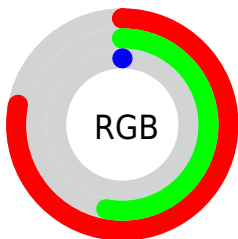
Format	Color
RYB	92, 198, 0
Decimal	13010688
CIELab	61.08, 15.44, 66.52
CIELCh	61, 68.294, 76.930
Yxy	29.3337, 0.4896, 0.4495
Android (android.graphics.Color)	4291200768 (0xFFC68700)
YUV	138.4470, -68.2544, 52.2280
Hunter-Lab	54.1606, 10.5271, 33.5578

Details

The Hex color **C68700** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **003FC6**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFBC47**, and **8A5500** is the 20% darker color. If you saturate the color by 10%, you get **C68700**, and if you desaturate by 10%, it is **C68D14**.

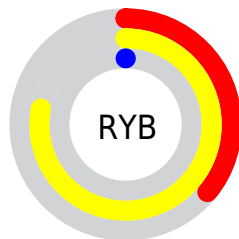
Distribution



Red (78%)

Green (53%)

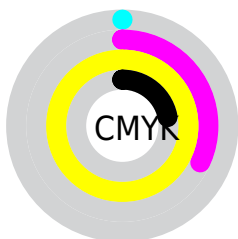
Blue (0%)



Red (36%)

Yellow (78%)

Blue (0%)

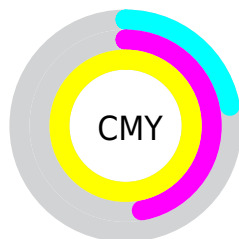


Cyan (0%)

Magenta (32%)

Yellow (100%)

Black (22%)



Cyan (22%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C68700 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 C68700 by changing the saturation by 10% instead.

 C68700

 C68700

FFFFFF

 A86E00

 FFBC47

 8A5500

 FFD862

 6D3E00

 FFF47D

 512800

 FFFF99

 361400

 FFFFFB5

 1F0000

 FFFFFD2

 000000

 FFFFFEF

 C68700

 C68D14

 C69428

 C69A3B

 C6A04F

 C6A763

 C6AD77

 C6B38B

 C6B99E

 C6C0B2

Harmonies

Analogous

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



ED6D3C



C68700



909B00

Triad

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



C68700



00AFB5



C173E7

Complementary

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



C68700



003FC6

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.



578FFF



C68700



00ACEB

Square

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



C68700



00AE76



00A2FF



F25AB0

Rectangle

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



C68700



63A426



00A2FF



A67DF5

Sweetspot

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



C68700



FFE7B3



C60042



807152



000000



808080

Same Dimension

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



C68700



FFAE00



A5C600



63605A



A36F00



241800

Inverse Universe

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



003FC6



0051FF



2100C6



5A5D63



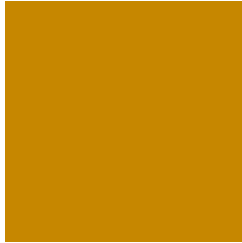
0034A3



000B24

Previews

White Background



This preview shows how the Hex color C68700 looks on a white background.

Color Contrast Check

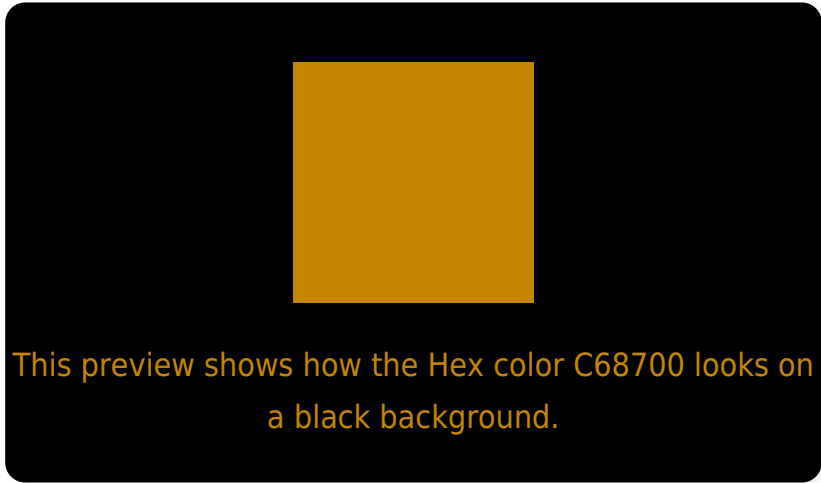
Large Text (above 18pt) WCAG AA ✓ Pass

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 C68700 Background



This preview shows how black text looks on a background with the Hex color C68700.



This preview shows how white text looks on a background with the Hex color C68700.

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

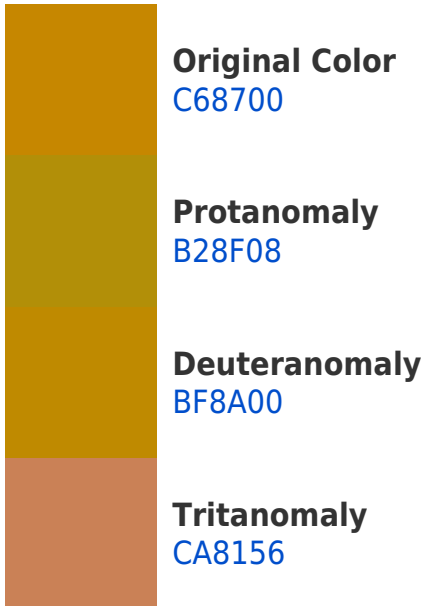


Original Color
C68700

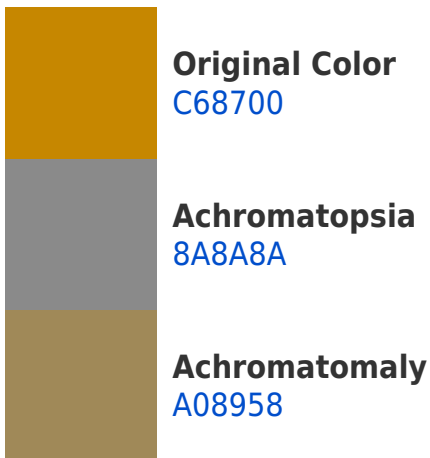
Protanopia
A7940D

Deuteranopia
BB8C00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C68700 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 #C68700 looks like.

```
.text, #text, p{  
    color:#C68700  
}
```

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 #C68700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C68700
}
```

Border

The CSS property to change the border of an element to Hex C68700 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
#C68700 }
```

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

```
.border{ border-color:#C68700 }
```

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

Here you see how a box with a 4 pixel #C68700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C68700; -webkit-box-shadow:4px 4px  
4px 4px #C68700; box-shadow:4px 4px 4px  
4px #C68700 }
```

Background

The CSS property to change the background color of an element to Hex C68700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C68700 }
```

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

```
.background{ background-color:#C68700 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor