

Converting Colors

Hex(C16700)

Have a look what the booklet for
Hex(C16700) contains.

Hex(C16700)	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(C16700)

Conversions

Conversions Part 1

Format	Color
Hex	C16700
RGB	193, 103, 0
RGB Percent	76%, 40%, 0%
CMY	0.2431, 0.5961, 1.0000
CMYK	0.00, 0.47, 1.00, 0.24
HSL	32°, 100%, 38%
HSV	32°, 100%, 76%
XYZ	26.8426, 21.0380, 2.6460
YIQ	118.1680, 86.7030, -12.9530

Conversions

Conversions Part 2

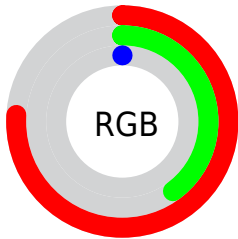
Format	Color
RYB	169, 193, 0
Decimal	12674816
CIELab	52.99, 30.67, 61.02
CIELCh	53, 68.293, 63.316
Yxy	21.0380, 0.5313, 0.4164
Android (android.graphics.Color)	4290864896 (0xFFC16700)
YUV	118.1680, -58.2568, 65.6277
Hunter-Lab	45.8671, 24.1950, 28.6867

Details

The Hex color **C16700** 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 **005AC1**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF9B40**, and **853600** is the 20% darker color. If you saturate the color by 10%, you get **C16700**, and if you desaturate by 10%, it is **C17013**.

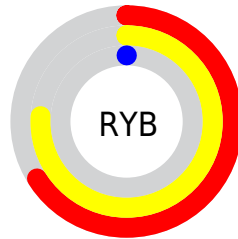
Distribution



Red (76%)

Green (40%)

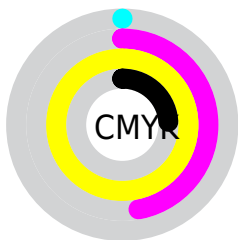
Blue (0%)



Red (66%)

Yellow (76%)

Blue (0%)

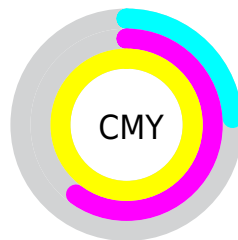


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C16700 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 C16700 by changing the saturation by 10% instead.

 C16700

 C16700

FFFFFF

 A24E00

 FF9B40

 853600

 FFB65A

 671F00

 FFD275

 4A0500

 FFEE90

 300000

 FFFFAB

 010000

 FFFFC8

 000000

 FFFFFE4

 C16700

 C17013

 C17927

 C1823A

 C18B4D

 C19461

 C19D74

 C1A687

 C1AF9A

 C1B8AE

Harmonies

Analogous

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



DF4B41



C16700



937E00

Triad

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



C16700



009984



846CE2

Complementary

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



C16700



005AC1

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.



0084F5



C16700



0098BE

Square

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



C16700



009546



0092E8



C94DB4

Rectangle

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



C16700



6C8900



0092E8



5E75EB

Sweetspot

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



C16700



FAD7AF



C1005A



7D6850



FCFCFC



7D7D7D

Same Dimension

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



C16700



FA8500



BBC100



615C57



A15600



211200

Inverse Universe

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



005AC1



0075FA



0600C1



575C61



004BA1



000F21

Previews

White Background



This preview shows how the Hex color C16700 looks on a white background.

Color Contrast Check

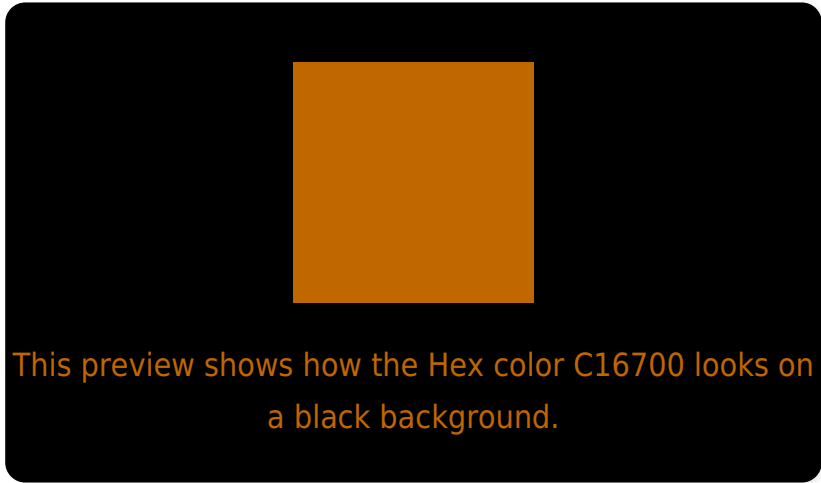
Large Text (above 18pt) WCAG AA ✓ Pass

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 C16700 Background



This preview shows how black text looks on a background with the Hex color C16700.



This preview shows how white text looks on a background with the Hex color C16700.

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
C16700

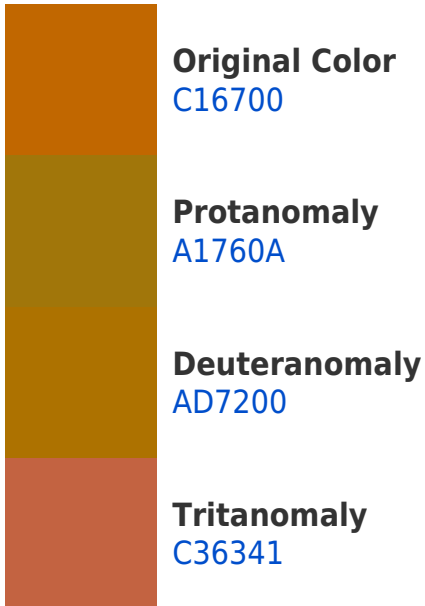
Protanopia
8F7F10

Deuteranopia
A17900



Tritanopia
C46066

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C16700 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 #C16700 looks like.

```
.text, #text, p{  
    color:#C16700  
}
```

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 #C16700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C16700
}
```

Border

The CSS property to change the border of an element to Hex C16700 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
#C16700 }
```

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

```
.border{ border-color:#C16700 }
```

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

Here you see how a box with a 4 pixel #C16700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C16700; -webkit-box-shadow:4px 4px  
4px 4px #C16700; box-shadow:4px 4px 4px  
4px #C16700 }
```

Background

The CSS property to change the background color of an element to Hex C16700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C16700 }
```

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

```
.background{ background-color:#C16700 }
```

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