

# Converting Colors

Hex(C16F03)

Have a look what the booklet for  
Hex(C16F03) contains.

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**Color**

**Hex(C16F03)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C16F03
RGB	193, 111, 3
RGB Percent	76%, 44%, 1%
CMY	0.2431, 0.5647, 0.9882
CMYK	0.00, 0.42, 0.98, 0.24
HSL	34°, 97%, 38%
HSV	34°, 98%, 76%
XYZ	27.6932, 22.7129, 3.0106
YIQ	123.2060, 83.5400, -16.2040

# Conversions

## Conversions Part 2

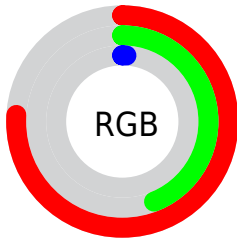
Format	Color
R <sub>Y</sub> B	147, 193, 3
Decimal	12676867
CIE Lab	54.78, 26.41, 61.55
CIE LCh	55, 66.975, 66.779
Yxy	22.7129, 0.5184, 0.4252
Android (android.graphics.Color)	4290866947 (0xFFC16F03)
YUV	123.2060, -59.2616, 61.2093
Hunter-Lab	47.6581, 20.3213, 29.6153

# Details

The Hex color **C16F03** 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 **0355C1**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FFA343**, and **853E00** is the 20% darker color. If you saturate the color by 10%, you get **C16E00**, and if you desaturate by 10%, it is **C17716**.

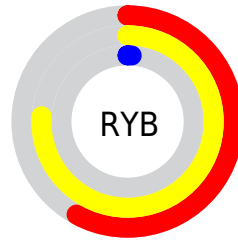
# Distribution



Red (76%)

Green (44%)

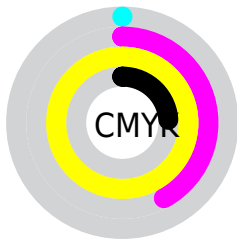
Blue (1%)



Red (58%)

Yellow (76%)

Blue (1%)

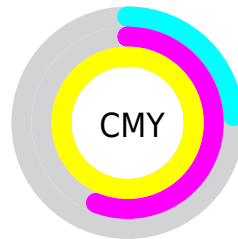


Cyan (0%)

Magenta (42%)

Yellow (98%)

Black (24%)



Cyan (24%)

Magenta (56%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C16F03 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 C16F03 by changing the saturation by 10% instead.



 C16F03

 C16F03

FFFFFF

 A35600

 FFA343

 853E00

 FFBE5E

 672700

 FFDA78

 4B1000

 FFF793

 310000

 FFFFFAF

 0A0000

 FFFFFCB

 000000

 FFFFFE8

 C16F03

 C16F03

■ C16E00

■ C17716

■ C1802A

■ C1883D

■ C19050

■ C19963

■ C1A177

■ C1A98A

■ C1B29D

■ C1BAB1

# Harmonies

## Analogous

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



E15441



C16F03



928500

# Triad

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



C16F03



009D8F



946DE1

# Complementary

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



C16F03



0355C1

# 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.



0086F7



C16F03



009CC7

# Square

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



C16F03



009A53



0095EE



D251B2

# Rectangle

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



C16F03



6B8F00



0095EE



7376EB



# Sweetspot

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



C16F03



FADAAF



C10355



7D6A50



FCFCFC



7D7D7D



# Same Dimension

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



C16F03



FA8E00



B4C103



615D57



A15B00



211300



# Inverse Universe

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



0355C1



006CFA



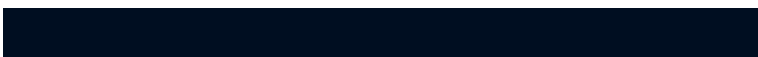
1003C1



575B61



0045A1

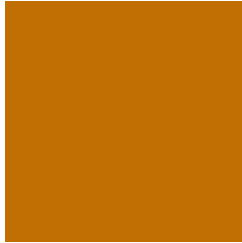


000E21



# Previews

## White Background



This preview shows how the Hex color C16F03 looks on a white background.

## Color Contrast Check

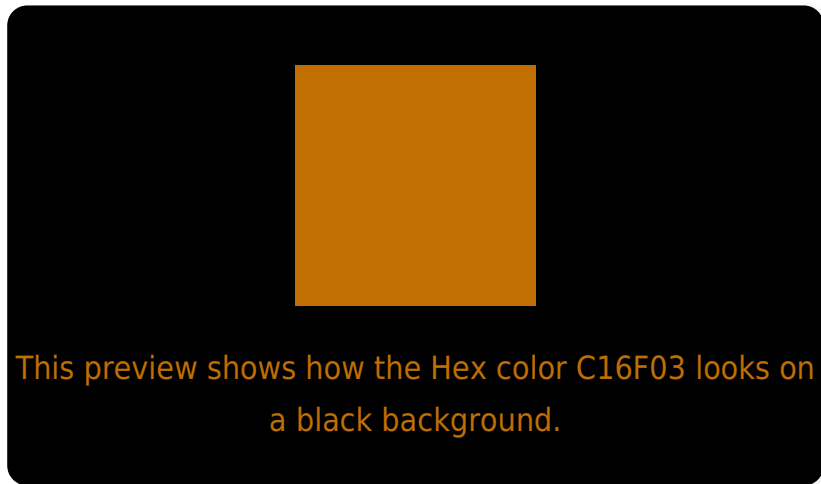
Large Text (above 18pt) WCAG AA ✓ Pass

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 C16F03 Background



This preview shows how black text looks on a background with the Hex color C16F03.



This preview shows how white text looks on a background with the Hex color C16F03.

# 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**  
C16F03

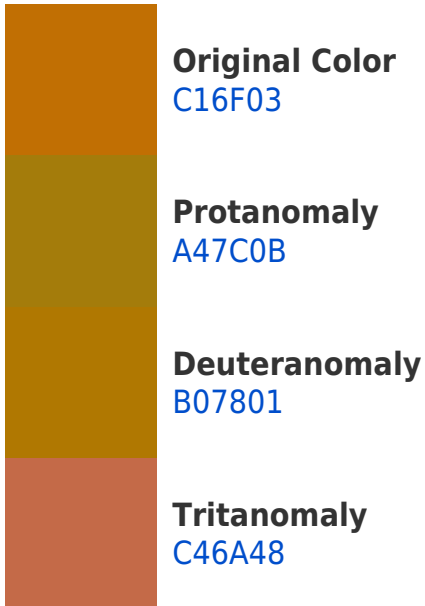
**Protanopia**  
94840F

**Deuteranopia**  
A67D00

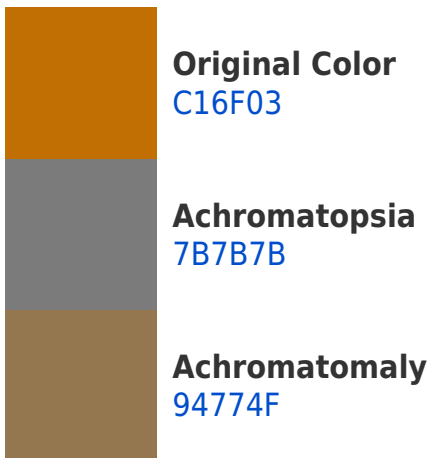


**Tritanopia**  
C5676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C16F03 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 #C16F03 looks like.

```
.text, #text, p{  
    color:#C16F03  
}
```

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 #C16F03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C16F03
}
```

## Border

The CSS property to change the border of an element to Hex C16F03 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
#C16F03 }
```

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

```
.border{ border-color:#C16F03 }
```

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

Here you see how a box with a 4 pixel #C16F03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C16F03; -webkit-box-shadow:4px 4px  
4px 4px #C16F03; box-shadow:4px 4px 4px  
4px #C16F03 }
```

# Background

The CSS property to change the background color of an element to Hex C16F03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C16F03 }
```

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

```
.background{ background-color:#C16F03 }
```

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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