

# Converting Colors

Hex(C66A04)

Have a look what the booklet for  
Hex(C66A04) contains.

<b>Hex(C66A04)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(C66A04)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C66A04
RGB	198, 106, 4
RGB Percent	78%, 42%, 2%
CMY	0.2235, 0.5843, 0.9843
CMYK	0.00, 0.46, 0.98, 0.22
HSL	32°, 96%, 40%
HSV	32°, 98%, 78%
XYZ	28.4647, 22.3226, 2.9233
YIQ	121.8800, 87.5740, -12.2180

# Conversions

## Conversions Part 2

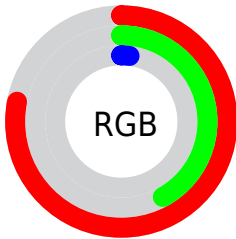
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 198, 4
Decimal	13003268
CIELab	54.37, 31.21, 61.44
CIELCh	54, 68.911, 63.066
Yxy	22.3226, 0.5300, 0.4156
Android (android.graphics.Color)	4291193348 (0xFFC66A04)
YUV	121.8800, -58.1148, 66.7572
Hunter-Lab	47.2468, 24.8585, 29.4043

# Details

The Hex color **C66A04** 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 **0460C6**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF9E43**, and **893900** is the 20% darker color. If you saturate the color by 10%, you get **C66800**, and if you desaturate by 10%, it is **C67318**.

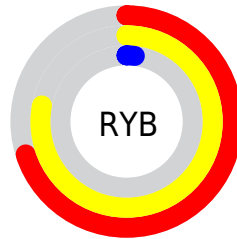
# Distribution



Red (78%)

Green (42%)

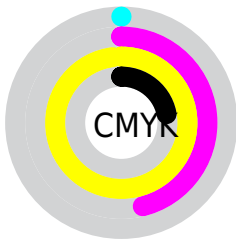
Blue (2%)



Red (70%)

Yellow (78%)

Blue (2%)

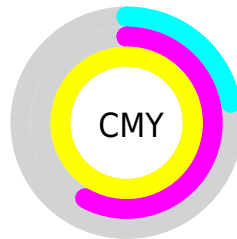


Cyan (0%)

Magenta (46%)

Yellow (98%)

Black (22%)



Cyan (22%)

Magenta (58%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C66A04 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 C66A04 by changing the saturation by 10% instead.



 C66A04

 C66A04

FFFFFF

 A75100

 FF9E43

 893900

 FFB95D

 6B2100

 FFD578

 4F0700

 FFF293

 340000

 FFFFFAE

 110000

 FFFFFCB

 000000

 FFFFFE7

 C66A04

 C66A04

■ C66800

■ C67318

■ C67D2C

■ C6863F

■ C69053

■ C69967

■ C6A27B

■ C6AC8F

■ C6B5A2

■ C6BFB6

# Harmonies

## Analogous

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



E44E45



C66A04



978200

# Triad

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



C66A04



009C87



876FE7

# Complementary

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



C66A04



0460C6

# 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.



0088FA



C66A04



009CC2

# Square

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



C66A04



009949



0096EC



CD51B9

# Rectangle

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



C66A04



708D00



0096EC



6078F1



# Sweetspot

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



C66A04



FFDCB5



C60462



806A53



000000



808080



# Same Dimension

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



C66A04



FF8600



C3C604



635F5A



A35600



241300



# Inverse Universe

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



0460C6



0079FF



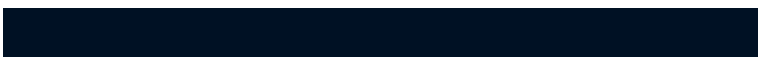
0704C6



5A5E63



004DA3



001124



# Previews

## White Background



This preview shows how the Hex color C66A04 looks on a white background.

## Color Contrast Check

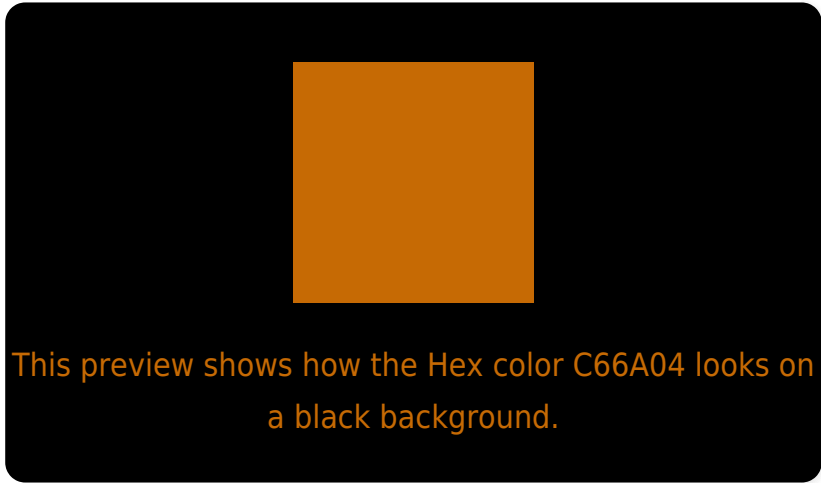
Large Text (above 18pt) WCAG AA ✓ Pass

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 C66A04 Background



This preview shows how black text looks on a background with the Hex color C66A04.



This preview shows how white text looks on a background with the Hex color C66A04.

# 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**  
C66A04

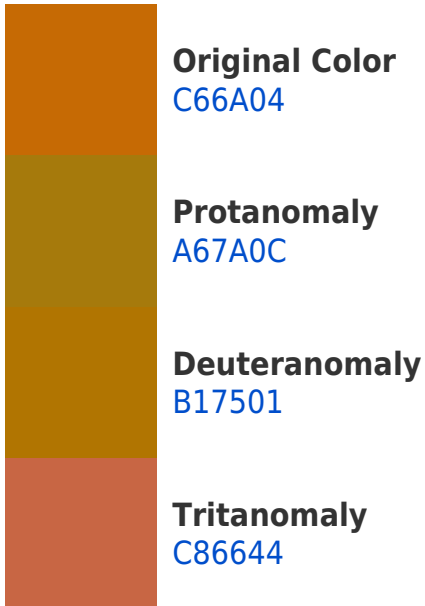
**Protanopia**  
938311

**Deuteranopia**  
A57C00

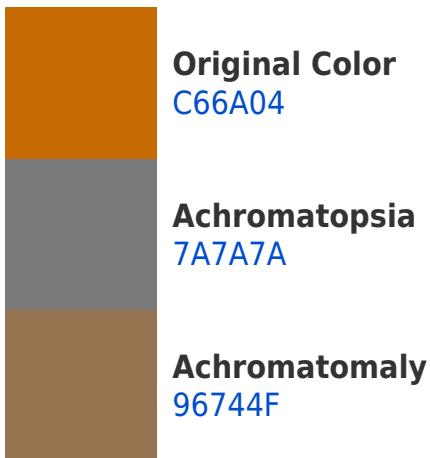


**Tritanopia**  
C96369

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C66A04 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 #C66A04 looks like.

```
.text, #text, p{  
    color:#C66A04  
}
```

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 #C66A04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C66A04  
}
```

## Border

The CSS property to change the border of an element to Hex C66A04 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  
#C66A04 }
```

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

```
.border{ border-color:#C66A04 }
```

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

Here you see how a box with a 4 pixel #C66A04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C66A04; -webkit-box-shadow:4px 4px  
4px 4px #C66A04; box-shadow:4px 4px 4px  
4px #C66A04 }
```

# Background

The CSS property to change the background color of an element to Hex C66A04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C66A04 }
```

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

```
.background{ background-color:#C66A04 }
```

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