

# Converting Colors

Hex(C64F06)

Have a look what the booklet for  
Hex(C64F06) contains.

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**Color**

**Hex(C64F06)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C64F06
RGB	198, 79, 6
RGB Percent	78%, 31%, 2%
CMY	0.2235, 0.6902, 0.9765
CMYK	0.00, 0.60, 0.97, 0.22
HSL	23°, 94%, 40%
HSV	23°, 97%, 78%
XYZ	26.1176, 17.6109, 2.1950
YIQ	106.2590, 94.3570, 2.5250

# Conversions

## Conversions Part 2

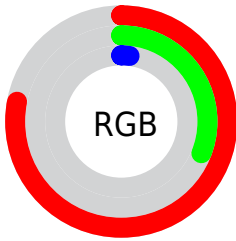
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 124, 6
Decimal	12996358
CIE <sub>Lab</sub>	49.02, 44.80, 57.67
CIE <sub>LCh</sub>	49, 73.030, 52.159
Yxy	17.6109, 0.5687, 0.3835
Android (android.graphics.Color)	4291186438 (0xFFC64F06)
YUV	106.2590, -49.4277, 80.4569
Hunter-Lab	41.9653, 37.6520, 26.2746

# Details

The Hex color **C64F06** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **067DC6**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF843F**, and **881800** is the 20% darker color. If you saturate the color by 10%, you get **C64B00**, and if you desaturate by 10%, it is **C65B1A**.

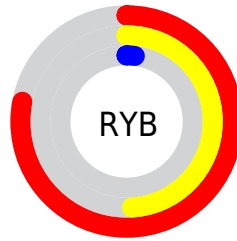
# Distribution



Red (78%)

Green (31%)

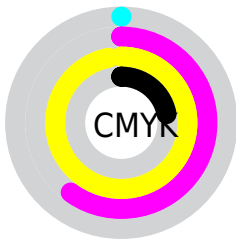
Blue (2%)



Red (78%)

Yellow (49%)

Blue (2%)

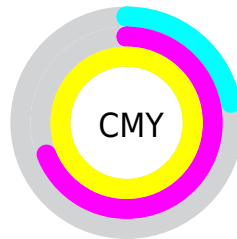


Cyan (0%)

Magenta (60%)

Yellow (97%)

Black (22%)



Cyan (22%)

Magenta (69%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C64F06 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 C64F06 by changing the saturation by 10% instead.



 C64F06

 C64F06

FFFFFFE

 A73500

 FF843F

 881800

 FF9F59

 690000

 FFBB73

 4C0000

 FFD78D

 320002

 FFF4A9

 000000

 FFFFFC5

 FFFFFE1

 C64F06

 C64F06

 C64B00

 C65B1A

 C6682E

 C67441

 C68055

 C68C69

 C6997D

 C6A591

 C6B1A4

 C6BDB8

# Harmonies

## Analogous

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



DD2A4A



C64F06



9B6C00

# Triad

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



C64F06



008E62



426BE9

# Complementary

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



C64F06



067DC6

# 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.



0081F0



C64F06



008FA2

# Square

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



C64F06



00891D



008CD6



AD4AC1

# Rectangle

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



C64F06



767A00



008CD6



0074EF



# Sweetspot

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



C64F06



FFD1B5



C60680



806453



000000



808080



# Same Dimension

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



C64F06



FF6100



C6AC06



635D5A



A33E00



240E00

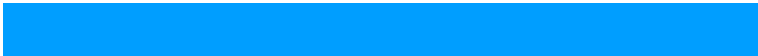


# Inverse Universe

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



067DC6



009EFF



0620C6



5A6063



0065A3



001624



# Previews

## White Background



This preview shows how the Hex color C64F06 looks on a white background.

## Color Contrast Check

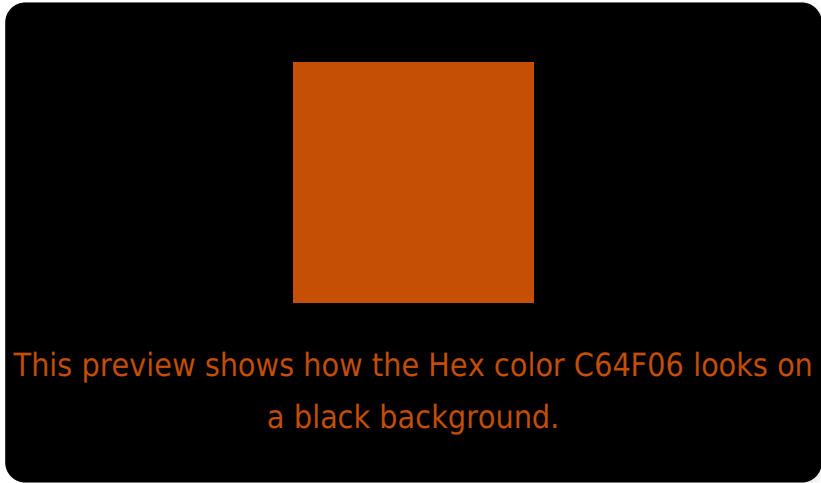
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 C64F06 Background



This preview shows how black text looks on a background with the Hex color C64F06.



This preview shows how white text looks on a background with the Hex color C64F06.

# 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**  
C64F06

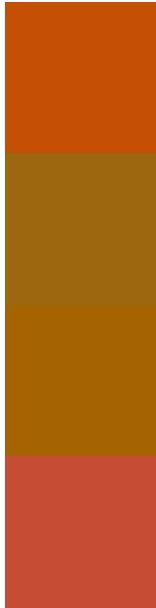
**Protanopia**  
847514

**Deuteranopia**  
946F00



**Tritanopia**  
C84A4E

# Trichromacy



**Original Color**  
C64F06

**Protanomaly**  
9C670F

**Deuteranomaly**  
A66302

**Tritanomaly**  
C74C34

# Monochromacy



**Original Color**  
C64F06

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
8B6046

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C64F06 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 #C64F06 looks like.

```
.text, #text, p{  
    color:#C64F06  
}
```

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 #C64F06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C64F06
}
```

## Border

The CSS property to change the border of an element to Hex C64F06 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
#C64F06 }
```

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

```
.border{ border-color:#C64F06 }
```

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

Here you see how a box with a 4 pixel #C64F06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C64F06; -webkit-box-shadow:4px 4px  
4px 4px #C64F06; box-shadow:4px 4px 4px  
4px #C64F06 }
```

# Background

The CSS property to change the background color of an element to Hex C64F06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C64F06 }
```

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

```
.background{ background-color:#C64F06 }
```

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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