

Converting Colors

Hex(C60F06)

Have a look what the booklet for
Hex(C60F06) contains.

Hex(C60F06)	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(C60F06)

Conversions

Conversions Part 1

Format	Color
Hex	C60F06
RGB	198, 15, 6
RGB Percent	78%, 6%, 2%
CMY	0.2235, 0.9412, 0.9765
CMYK	0.00, 0.92, 0.97, 0.22
HSL	3°, 94%, 40%
HSV	3°, 97%, 78%
XYZ	23.4924, 12.3606, 1.3199
YIQ	68.6910, 111.9570, 35.9970

Conversions

Conversions Part 2

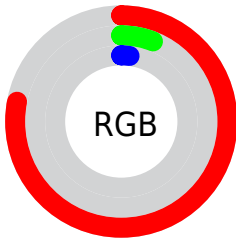
Format	Color
RYB	198, 15, 6
Decimal	12979974
CIELab	41.78, 64.72, 53.68
CIElCh	42, 84.085, 39.675
Yxy	12.3606, 0.6320, 0.3325
Android (android.graphics.Color)	4291170054 (0xFFC60F06)
YUV	68.6910, -30.9067, 113.4040
Hunter-Lab	35.1576, 57.7484, 22.3844

Details

The Hex color **C60F06** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **06BDC6**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **FF5839**, and **860000** is the 20% darker color. If you saturate the color by 10%, you get **C60900**, and if you desaturate by 10%, it is **C6221A**.

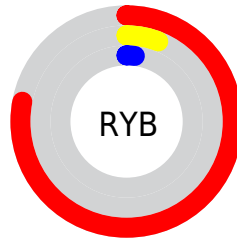
Distribution



Red (78%)

Green (6%)

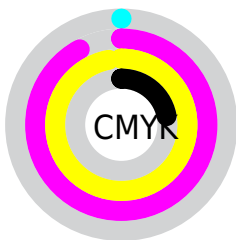
Blue (2%)



Red (78%)

Yellow (6%)

Blue (2%)

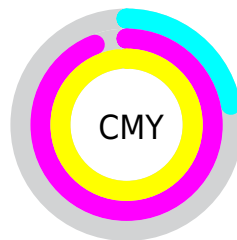


Cyan (0%)

Magenta (92%)

Yellow (97%)

Black (22%)



Cyan (22%)

Magenta (94%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color C60F06 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 C60F06 by changing the saturation by 10% instead.

 C60F06

 C60F06

 FFFFF3

 A60000

 FF5839

 860000

 FF7551

 660000

 FF926A

 490003

 FFAE84

 2A0001

 FFCC9F

 000000

 FFE9BA

 FFFF06

 C60F06

 C60F06

 C60900

 C6221A

 C6352E

 C64841

 C65A55

 C66D69

 C6807D

 C69391

 C6A6A4

 C6B9B8

Harmonies

Analogous

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



D60050



C60F06



9E4C00

Triad

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



C60F06



007B2E



0066EE

Complementary

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



C60F06



06BDC6

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.



0077E7



C60F06



007D78

Square

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



C60F06



007500



007DBB



7941CF

Rectangle

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



C60F06



796000



007DBB



006DF0

Sweetspot

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



C60F06



FFB9B5



C606C0



805553



000000



808080

Same Dimension

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



C60F06



FF0C00



C66C06



635A5A



A30800



240200

Inverse Universe

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



06BDC6



00F3FF



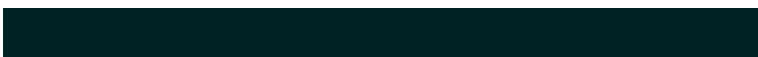
0660C6



5A6363



009CA3



002224

Previews

White Background



This preview shows how the Hex color C60F06 looks on a white background.

Color Contrast Check

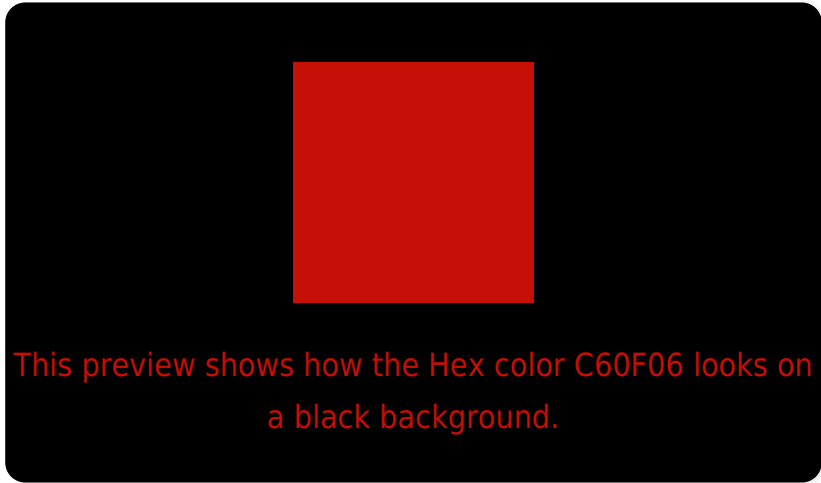
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C60F06 Background



This preview shows how black text looks on a background with the Hex color C60F06.

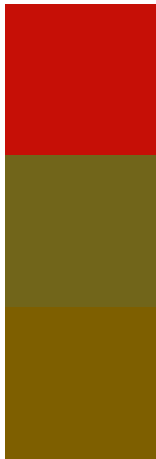


This preview shows how white text looks on a background with the Hex color C60F06.

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

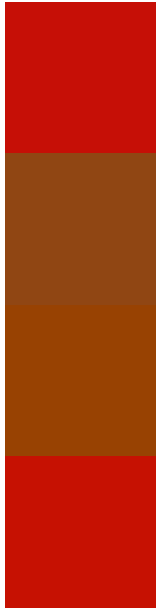


Original Color
C60F06

Protanopia
71651A

Deuteranopia
7E5F00

Trichromacy



Original Color
C60F06

Protanomaly
904613

Deuteranomaly
984202

Tritanomaly
C61102

Monochromacy



Original Color
C60F06

Achromatopsia
454545

Achromatomaly
74312E

CSS Examples

Text

The CSS property to change the color of the text to Hex C60F06 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 #C60F06 looks like.

```
.text, #text, p{  
    color:#C60F06  
}
```

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 #C60F06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C60F06
}
```

Border

The CSS property to change the border of an element to Hex C60F06 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".

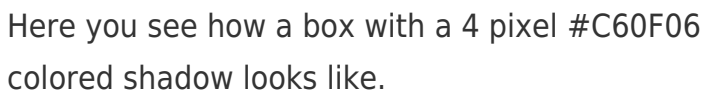
```
.border, #border, table{ border:4px solid
#C60F06 }
```

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

```
.border{ border-color:#C60F06 }
```

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

Here you see how a box with a 4 pixel #C60F06 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C60F06; -webkit-box-shadow:4px 4px  
4px 4px #C60F06; box-shadow:4px 4px 4px  
4px #C60F06 }
```

Background

The CSS property to change the background color of an element to Hex C60F06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C60F06 }
```

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

```
.background{ background-color:#C60F06 }
```

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