

Converting Colors

Hex(F06F00)

Have a look what the booklet for
Hex(F06F00) contains.

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Color

Hex(F06F00)

Conversions

Conversions Part 1

Format	Color
Hex	F06F00
RGB	240, 111, 0
RGB Percent	94%, 44%, 0%
CMY	0.0588, 0.5647, 1.0000
CMYK	0.00, 0.54, 1.00, 0.06
HSL	28°, 100%, 47%
HSV	28°, 100%, 94%
XYZ	41.6196, 29.8941, 3.5766
YIQ	136.9170, 112.5150, -7.1730

Conversions

Conversions Part 2

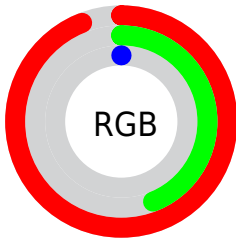
Format	Color
R_{YB}	240, 207, 0
Decimal	15757056
CIE _{Lab}	61.56, 45.36, 69.68
CIE _{LCh}	62, 83.142, 56.934
Yxy	29.8941, 0.5543, 0.3981
Android (android.graphics.Color)	4293947136 (0xFFFF06F00)
YUV	136.9170, -67.5001, 90.4038
Hunter-Lab	54.6755, 40.1940, 34.3945

Details

The Hex color **F06F00** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **0081F0**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFA545**, and **B03B00** is the 20% darker color. If you saturate the color by 10%, you get **F06F00**, and if you desaturate by 10%, it is **F07C18**.

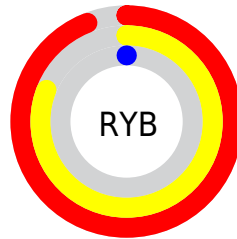
Distribution



Red (94%)

Green (44%)

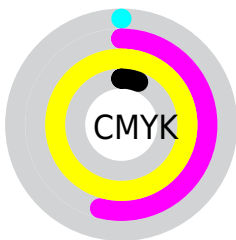
Blue (0%)



Red (94%)

Yellow (81%)

Blue (0%)

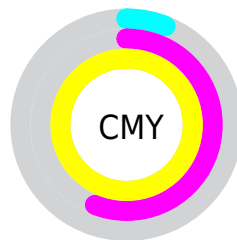


Cyan (0%)

Magenta (54%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F06F00 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 F06F00 by changing the saturation by 10% instead.

 F06F00

 F06F00

FFFFFF

 D05500

 FFA545

 B03B00

 FFC160

 901F00

 FFDD7B

 720000

 FFFA96

 540000

 FFFFB2

 390001

 FFFFCE

 140000

 FFFFEC

 000000

 F06F00

 F07C18

 F08930

 F09648

 F0A360

 F0AF78

 F0BC90

 F0C9A8

 F0D6C0

 F0E3D8

Harmonies

Analogous

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



FF4757



F06F00



BA8F00

Triad

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



F06F00



00B48B



7B84FF

Complementary

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



F06F00



0081F0

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.



00A0FF



F06F00



00B5D6

Square

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



F06F00



00AF3D



00AFFF



E45CE6

Rectangle

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



F06F00



8D9E00



00AFFF



248FFF

Sweetspot

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



F06F00



FFD6B3



F00084



806752



000000



808080

Same Dimension

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



F06F00



FF7600



F0E400



78716C



B85500



381A00

Inverse Universe

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



0081F0



0089FF



000CF0



6C7278



0063B8



001E38

Previews

White Background



This preview shows how the Hex color F06F00 looks on a white background.

Color Contrast Check

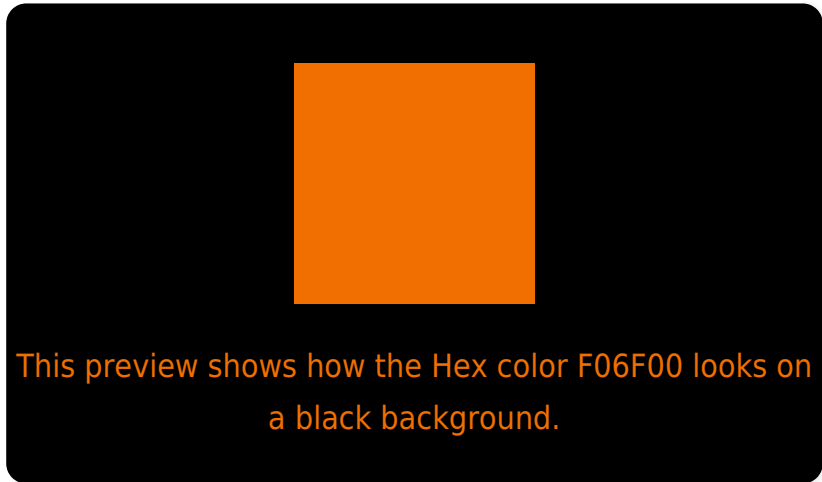
Large Text (above 18pt) WCAG AA ✓ Pass

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 F06F00 Background



This preview shows how black text looks on a background with the Hex color F06F00.



This preview shows how white text looks on a background with the Hex color F06F00.

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
F06F00

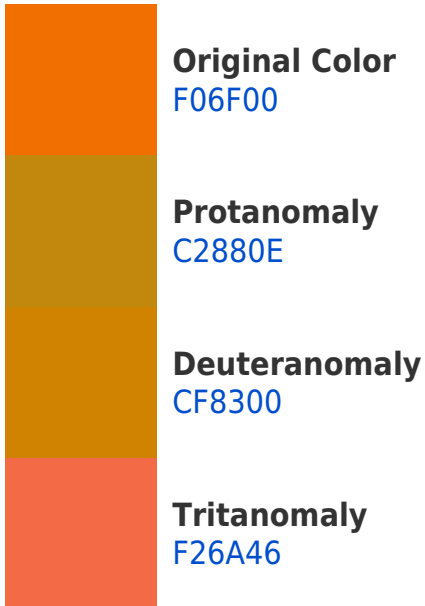
Protanopia
A89616

Deuteranopia
BC8E00

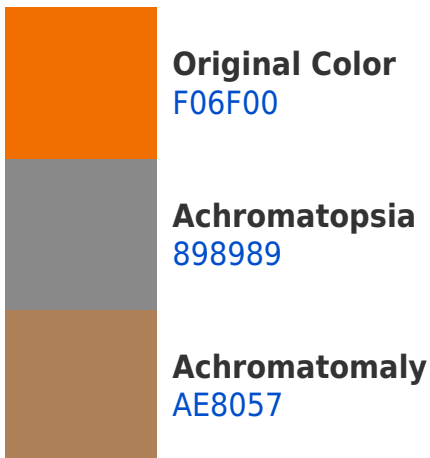


Tritanopia
F3676E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F06F00 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 #F06F00 looks like.

```
.text, #text, p{  
    color:#F06F00  
}
```

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 #F06F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F06F00  
}
```

Border

The CSS property to change the border of an element to Hex F06F00 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  
#F06F00 }
```

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

```
.border{ border-color:#F06F00 }
```

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

Here you see how a box with a 4 pixel #F06F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F06F00; -webkit-box-shadow:4px 4px  
4px 4px #F06F00; box-shadow:4px 4px 4px  
4px #F06F00 }
```

Background

The CSS property to change the background color of an element to Hex F06F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F06F00 }
```

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

```
.background{ background-color:#F06F00 }
```

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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