

Converting Colors

Hex(F46D06)

Have a look what the booklet for
Hex(F46D06) contains.

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Color

Hex(F46D06)

Conversions

Conversions Part 1

Format	Color
Hex	F46D06
RGB	244, 109, 6
RGB Percent	96%, 43%, 2%
CMY	0.0431, 0.5725, 0.9765
CMYK	0.00, 0.55, 0.98, 0.04
HSL	26°, 95%, 49%
HSV	26°, 98%, 96%
XYZ	42.8097, 30.1835, 3.7420
YIQ	137.6230, 113.5230, -3.4130

Conversions

Conversions Part 2

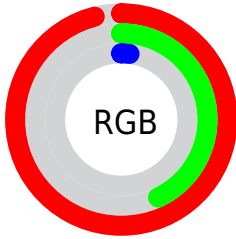
Format	Color
R _Y B	244, 188, 6
Decimal	16018694
CIE Lab	61.81, 47.87, 69.13
CIE LCh	62, 84.091, 55.299
Yxy	30.1835, 0.5579, 0.3933
Android (android.graphics.Color)	4294208774 (0xFFFF46D06)
YUV	137.6230, -64.8901, 93.2926
Hunter-Lab	54.9395, 42.9458, 34.4194

Details

The Hex color **F46D06** 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 **068DF4**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFA347**, and **B43800** is the 20% darker color. If you saturate the color by 10%, you get **F46A00**, and if you desaturate by 10%, it is **F47B1E**.

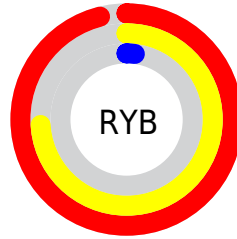
Distribution



Red (96%)

Green (43%)

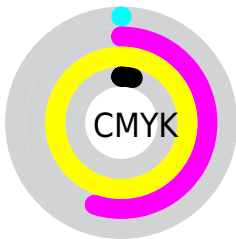
Blue (2%)



Red (96%)

Yellow (74%)

Blue (2%)

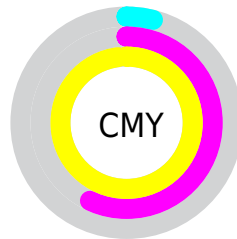


Cyan (0%)

Magenta (55%)

Yellow (98%)

Black (4%)



Cyan (4%)

Magenta (57%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color F46D06 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 F46D06 by changing the saturation by 10% instead.

 F46D06

 F46D06

FFFFFF

 D45200

 FFA347

 B43800

 FFBF62

 941B00

 FFDC7D

 750000

 FFF998

 570000

 FFFFB4

 3C0001

 FFFFD1

 190001

 FFFFEE

 000000

 F46D06

 F46D06

 F46A00

 F47B1E

 F48937

 F4974F

 F4A468

 F4B280

 F4C098

 F4CEB1

 F4DCC9

 F4EAE2

Harmonies

Analogous

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



FF445B



F46D06



BE8E00

Triad

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



F46D06



00B587



7287FF

Complementary

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



F46D06



068DF4

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.



00A2FF



F46D06



00B6D3

Square

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



F46D06



00AF37



00B1FF



E25EEB

Rectangle

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



F46D06



919E00



00B1FF



0092FF

Sweetspot

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



F46D06



FFD5B5



F40691



806653



000000



808080

Same Dimension

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



F46D06



FF6E00



F4E006



7A736E



BA5100



3B1900

Inverse Universe

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



068DF4



0091FF



061AF4



6E757A



006ABA



00213B

Previews

White Background



This preview shows how the Hex color F46D06 looks on a white background.

Color Contrast Check

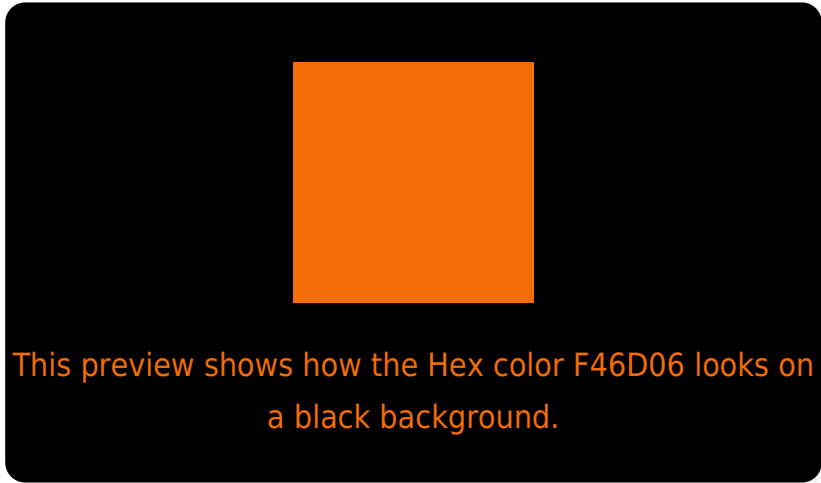
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex F46D06 Background



This preview shows how black text looks on a background with the Hex color F46D06.



This preview shows how white text looks on a background with the Hex color F46D06.

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
F46D06

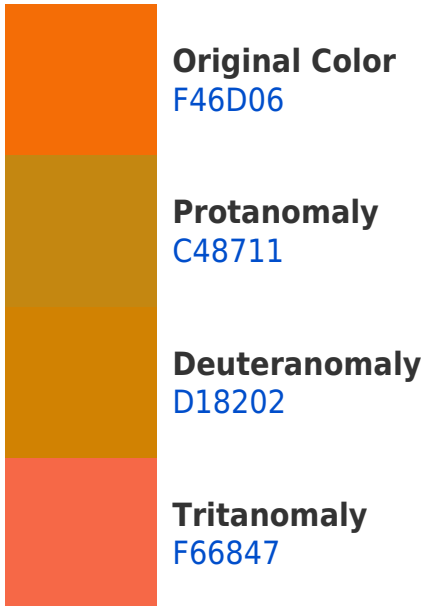
Protanopia
A99617

Deuteranopia
BD8E00

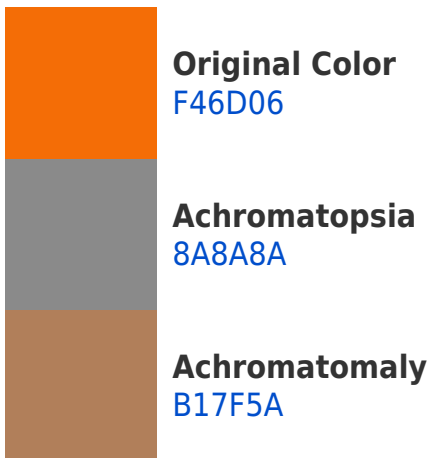


Tritanopia
F7656C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F46D06 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 #F46D06 looks like.

```
.text, #text, p{  
    color:#F46D06  
}
```

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 #F46D06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F46D06
}
```

Border

The CSS property to change the border of an element to Hex F46D06 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
#F46D06 }
```

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

```
.border{ border-color:#F46D06 }
```

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

Here you see how a box with a 4 pixel #F46D06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F46D06; -webkit-box-shadow:4px 4px  
4px 4px #F46D06; box-shadow:4px 4px 4px  
4px #F46D06 }
```

Background

The CSS property to change the background color of an element to Hex F46D06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F46D06 }
```

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

```
.background{ background-color:#F46D06 }
```

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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