

Converting Colors

Hex(F76B01)

Have a look what the booklet for
Hex(F76B01) contains.

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Color

Hex(F76B01)

Conversions

Conversions Part 1

Format	Color
Hex	F76B01
RGB	247, 107, 1
RGB Percent	97%, 42%, 0%
CMY	0.0314, 0.5804, 0.9961
CMYK	0.00, 0.57, 1.00, 0.03
HSL	26°, 99%, 49%
HSV	26°, 100%, 97%
XYZ	43.6209, 30.2917, 3.5765
YIQ	136.7760, 117.4660, -3.2860

Conversions

Conversions Part 2

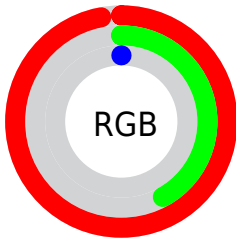
Format	Color
RYB	247, 187, 1
Decimal	16214785
CIELab	61.91, 49.88, 70.27
CIELCh	62, 86.170, 54.632
Yxy	30.2917, 0.5629, 0.3909
Android (android.graphics.Color)	4294404865 (0xFFFF76B01)
YUV	136.7760, -66.9376, 96.6664
Hunter-Lab	55.0379, 45.1558, 34.6737

Details

The Hex color **F76B01** 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 **018DF7**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFA245**, and **B63500** is the 20% darker color. If you saturate the color by 10%, you get **F76A00**, and if you desaturate by 10%, it is **F7791A**.

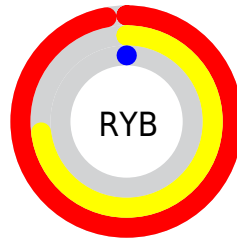
Distribution



Red (97%)

Green (42%)

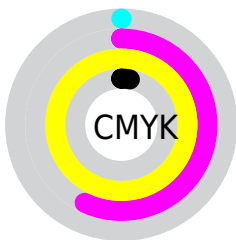
Blue (0%)



Red (97%)

Yellow (73%)

Blue (0%)

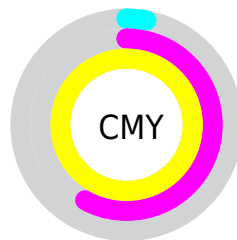


Cyan (0%)

Magenta (57%)

Yellow (100%)

Black (3%)



Cyan (3%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F76B01 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 F76B01 by changing the saturation by 10% instead.

 F76B01

 F76B01

FFFFFF

 D65000

 FFA245

 B63500

 FFBE60

 961600

 FFDA7B

 770000

 FFF796

 590000

 FFFFB2

 3D0001

 FFFFCE

 1C0001

 FFFFEC

 000000

 F76B01

 F76B01

 F76A00

 F7791A

 F78732

 F7954B

 F7A364

 F7B17D

 F7BF95

 F7CDAE

 F7DBC7

 F7EADF

Harmonies

Analogous

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



FF3F5B



F76B01



C08E00

Triad

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



F76B01



00B585



6B87FF

Complementary

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



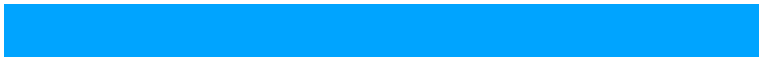
F76B01



018DF7

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.



00A4FF



F76B01



00B6D4

Square

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



F76B01



00B033



00B2FF



E25DEF

Rectangle

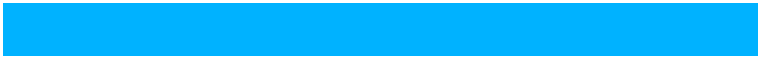
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F76B01



929E00



00B2FF



0093FF

Sweetspot

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



F76B01



FFD3B3



F70190



806552



000000



808080

Same Dimension

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



F76B01



FF6E00



F7E301



7A736E



BA5000



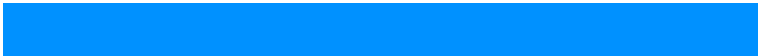
3B1900

Inverse Universe

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



018DF7



0091FF



0115F7



6E757A



006ABA



00213B

Previews

White Background



This preview shows how the Hex color F76B01 looks on a white background.

Color Contrast Check

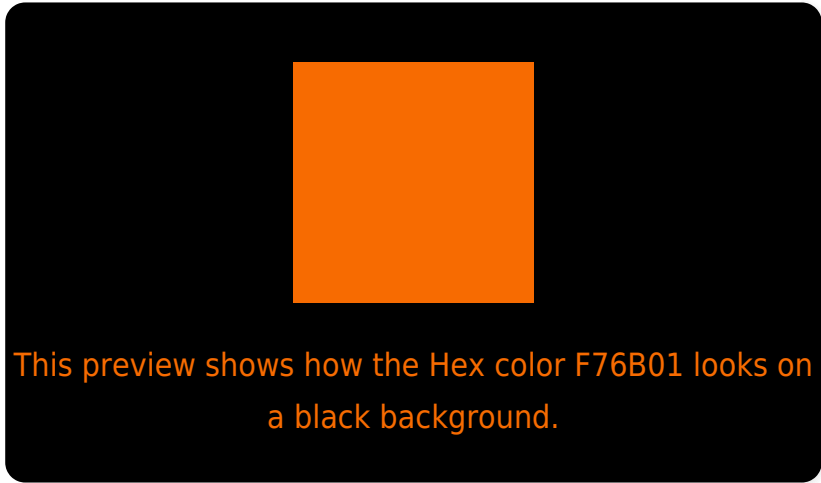
Large Text (above 18pt) WCAG AA × Fail

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 F76B01 Background



This preview shows how black text looks on a background with the Hex color F76B01.



This preview shows how white text looks on a background with the Hex color F76B01.

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
F76B01

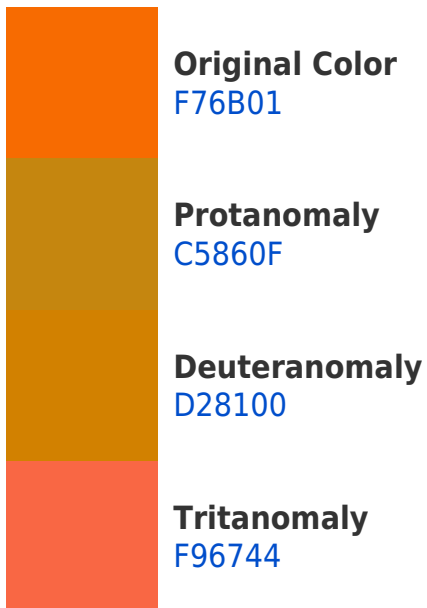
Protanopia
A99617

Deuteranopia
BD8E00

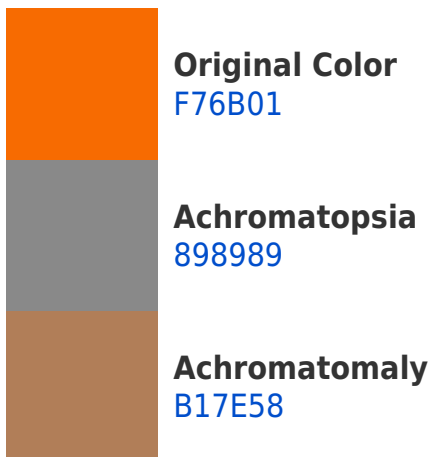


Tritanopia
FA646A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F76B01 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 #F76B01 looks like.

```
.text, #text, p{  
    color:#F76B01  
}
```

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 #F76B01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F76B01
}
```

Border

The CSS property to change the border of an element to Hex F76B01 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
#F76B01 }
```

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

```
.border{ border-color:#F76B01 }
```

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

Here you see how a box with a 4 pixel #F76B01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F76B01; -webkit-box-shadow:4px 4px  
4px 4px #F76B01; box-shadow:4px 4px 4px  
4px #F76B01 }
```

Background

The CSS property to change the background color of an element to Hex F76B01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F76B01 }
```

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

```
.background{ background-color:#F76B01 }
```

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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