

Converting Colors

Hex(F76C04)

Have a look what the booklet for
Hex(F76C04) contains.

Hex(F76C04)	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(F76C04)

Conversions

Conversions Part 1

Format	Color
Hex	F76C04
RGB	247, 108, 4
RGB Percent	97%, 42%, 2%
CMY	0.0314, 0.5765, 0.9843
CMYK	0.00, 0.56, 0.98, 0.03
HSL	26°, 97%, 49%
HSV	26°, 98%, 97%
XYZ	43.7422, 30.5080, 3.6980
YIQ	137.7050, 116.2280, -2.8760

Conversions

Conversions Part 2

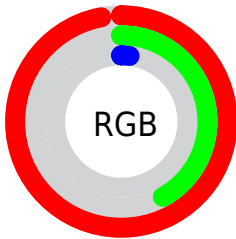
Format	Color
R _Y B	247, 186, 4
Decimal	16215044
CIE Lab	62.09, 49.44, 69.87
CIE LCh	62, 85.591, 54.718
Yxy	30.5080, 0.5612, 0.3914
Android (android.graphics.Color)	4294405124 (0xFFFF76C04)
YUV	137.7050, -65.9166, 95.8517
Hunter-Lab	55.2341, 44.7022, 34.6943

Details

The Hex color **F76C04** 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 **048FF7**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFA346**, and **B63600** is the 20% darker color. If you saturate the color by 10%, you get **F76A00**, and if you desaturate by 10%, it is **F77A1D**.

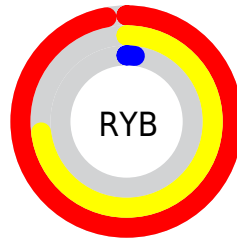
Distribution



Red (97%)

Green (42%)

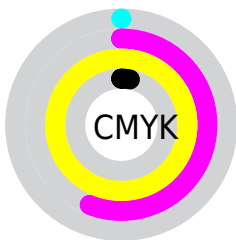
Blue (2%)



Red (97%)

Yellow (73%)

Blue (2%)

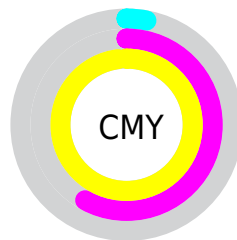


Cyan (0%)

Magenta (56%)

Yellow (98%)

Black (3%)



Cyan (3%)

Magenta (58%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color F76C04 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 F76C04 by changing the saturation by 10% instead.

 F76C04

 F76C04

FFFFFF

 D65100

 FFA346

 B63600

 FFBF61

 971800

 FFDB7C

 770000

 FFF898

 590000

 FFFFB4

 3D0001

 FFFFD0

 1D0001

 FFFFED

 000000

 F76C04

 F76C04

 F76A00

 F77A1D

 F78835

 F7964E

 F7A567

 F7B380

 F7C198

 F7CFB1

 F7DDCA

 F7EBE2

Harmonies

Analogous

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



FF415C



F76C04



C08E00

Triad

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



F76C04



00B686



6D88FF

Complementary

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



F76C04



048FF7

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



F76C04



00B7D4

Square

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



F76C04



00B034



00B2FF



E25EEF

Rectangle

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



F76C04



939E00



00B2FF



0093FF

Sweetspot

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



F76C04



FFD3B3



F70492



806552



000000



808080

Same Dimension

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



F76C04



FF6D00



F7E304



7A736E



BA5000



3B1900

Inverse Universe

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



048FF7



0092FF



0418F7



6E757A



006ABA



00223B

Previews

White Background



This preview shows how the Hex color F76C04 looks on a white background.

Color Contrast Check

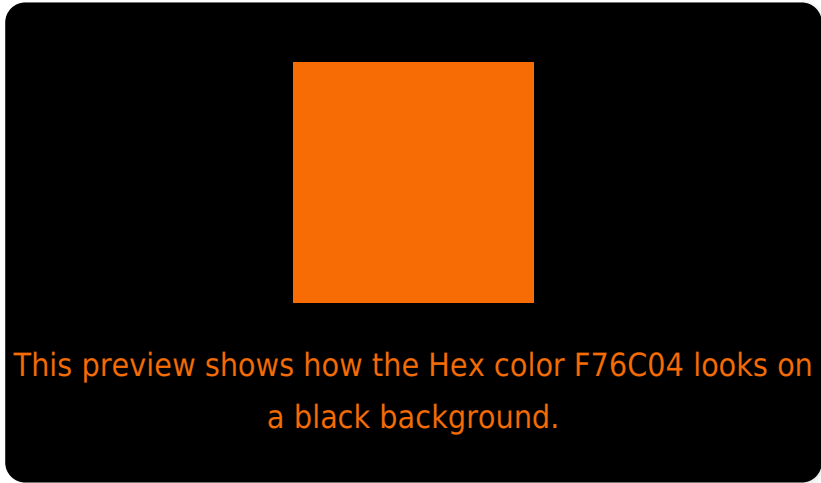
Large Text (above 18pt) WCAG AA × Fail

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 F76C04 Background



This preview shows how black text looks on a background with the Hex color F76C04.



This preview shows how white text looks on a background with the Hex color F76C04.

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
F76C04

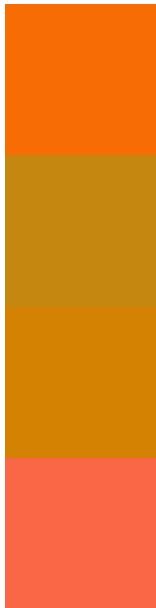
Protanopia
AA9718

Deuteranopia
BE8F00



Tritanopia
FA646B

Trichromacy



Original Color
F76C04

Protanomaly
C68711

Deuteranomaly
D38201

Tritanomaly
F96746

Monochromacy



Original Color
F76C04

Achromatopsia
8A8A8A

Achromatomaly
B27F59

CSS Examples

Text

The CSS property to change the color of the text to Hex F76C04 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 #F76C04 looks like.

```
.text, #text, p{  
  color:#F76C04  
}
```

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 #F76C04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F76C04
}
```

Border

The CSS property to change the border of an element to Hex F76C04 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
#F76C04 }
```

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

```
.border{ border-color:#F76C04 }
```

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

Here you see how a box with a 4 pixel #F76C04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F76C04; -webkit-box-shadow:4px 4px  
4px 4px #F76C04; box-shadow:4px 4px 4px  
4px #F76C04 }
```

Background

The CSS property to change the background color of an element to Hex F76C04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F76C04 }
```

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

```
.background{ background-color:#F76C04 }
```

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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