

Converting Colors

Hex(F76D0B)

Have a look what the booklet for
Hex(F76D0B) contains.

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Color

Hex(F76D0B)

Conversions

Conversions Part 1

Format	Color
Hex	F76D0B
RGB	247, 109, 11
RGB Percent	97%, 43%, 4%
CMY	0.0314, 0.5725, 0.9569
CMYK	0.00, 0.56, 0.96, 0.03
HSL	25°, 94%, 51%
HSV	25°, 96%, 97%
XYZ	43.8868, 30.7356, 3.9361
YIQ	139.0900, 113.7060, -1.2220

Conversions

Conversions Part 2

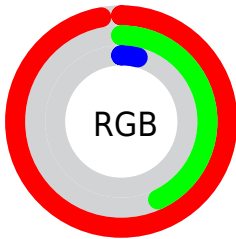
Format	Color
R _Y B	247, 179, 11
Decimal	16215307
CIE Lab	62.28, 49.03, 68.84
CIE LCh	62, 84.516, 54.543
Yxy	30.7356, 0.5587, 0.3912
Android (android.graphics.Color)	4294405387 (0xFFFF76D0B)
YUV	139.0900, -63.1484, 94.6371
Hunter-Lab	55.4397, 44.2836, 34.5983

Details

The Hex color **F76D0B** 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 **0B95F7**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFA349**, and **B63700** is the 20% darker color. If you saturate the color by 10%, you get **F76700**, and if you desaturate by 10%, it is **F77B24**.

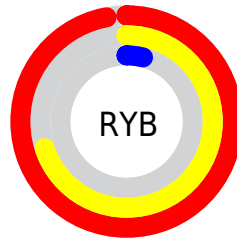
Distribution



Red (97%)

Green (43%)

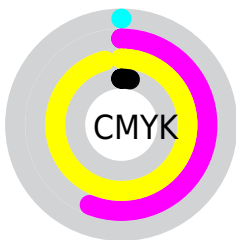
Blue (4%)



Red (97%)

Yellow (70%)

Blue (4%)

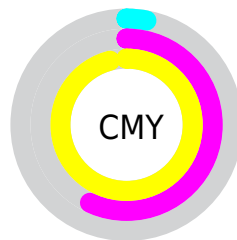


Cyan (0%)

Magenta (56%)

Yellow (96%)

Black (3%)



Cyan (3%)

Magenta (57%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color F76D0B 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 F76D0B by changing the saturation by 10% instead.

 F76D0B

 F76D0B

FFFFFF

 D65200

 FFA349

 B63700

 FFC064

 971900

 FFDC7F

 780000

 FFF99A

 590000

 FFFFB6

 3E0001

 FFFFD3

 1D0001

 FFFFF0

 000000

 F76D0B

 F76D0B

 F76700

 F77B24

 F78A3C

 F79855

 F7A76E

 F7B587

 F7C49F

 F7D2B8

 F7E1D1

 F7EFE9

Harmonies

Analogous

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



FF445E



F76D0B



C18F00

Triad

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



F76D0B



00B686



6E89FF

Complementary

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



F76D0B



0B95F7

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



F76D0B



00B7D3

Square

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



F76D0B



00B136



00B2FF



E260EF

Rectangle

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



F76D0B



949F00



00B2FF



0094FF

Sweetspot

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



F76D0B



FFD4B5



F70B99



806553



000000



808080

Same Dimension

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



F76D0B



FF6A00



F7DF0B



7A736E



BA4D00



3B1800

Inverse Universe

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



0B95F7



0095FF



0B23F7



6E757A



006DBA



00223B

Previews

White Background



This preview shows how the Hex color F76D0B looks on a white background.

Color Contrast Check

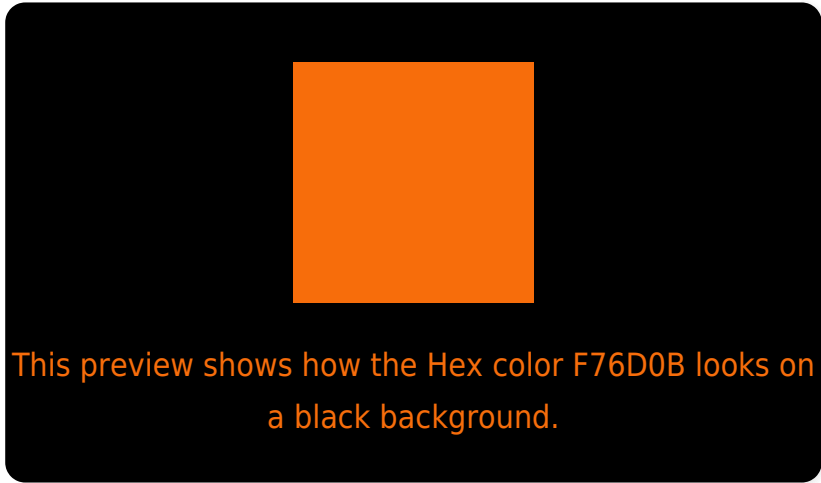
Large Text (above 18pt) WCAG AA × Fail

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 F76D0B Background



This preview shows how black text looks on a background with the Hex color F76D0B.



This preview shows how white text looks on a background with the Hex color F76D0B.

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

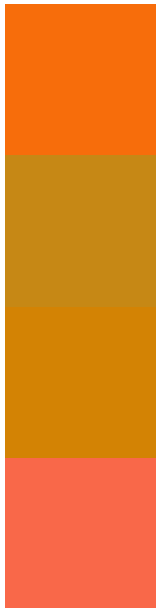


Original Color
F76D0B

Protanopia
AA971A

Deuteranopia
BF8F00

Trichromacy



Original Color
F76D0B

Protanomaly
C68815

Deuteranomaly
D38304

Tritanomaly
F96849

Monochromacy



Original Color
F76D0B

Achromatopsia
8B8B8B

Achromatomaly
B2805C

CSS Examples

Text

The CSS property to change the color of the text to Hex F76D0B 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 #F76D0B looks like.

```
.text, #text, p{  
    color:#F76D0B  
}
```

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 #F76D0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F76D0B
}
```

Border

The CSS property to change the border of an element to Hex F76D0B 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
#F76D0B }
```

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

```
.border{ border-color:#F76D0B }
```

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

Here you see how a box with a 4 pixel #F76D0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F76D0B; -webkit-box-shadow:4px 4px  
4px 4px #F76D0B; box-shadow:4px 4px 4px  
4px #F76D0B }
```

Background

The CSS property to change the background color of an element to Hex F76D0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F76D0B }
```

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

```
.background{ background-color:#F76D0B }
```

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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