

Converting Colors

Hex(F16D01)

Have a look what the booklet for
Hex(F16D01) contains.

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Color

Hex(F16D01)

Conversions

Conversions Part 1

Format	Color
Hex	F16D01
RGB	241, 109, 1
RGB Percent	95%, 43%, 0%
CMY	0.0549, 0.5725, 0.9961
CMYK	0.00, 0.55, 1.00, 0.05
HSL	27°, 99%, 47%
HSV	27°, 100%, 95%
XYZ	41.7497, 29.6402, 3.5494
YIQ	136.1560, 113.3400, -5.6040

Conversions

Conversions Part 2

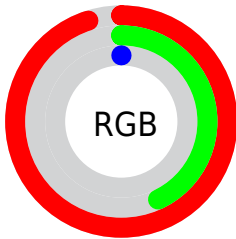
Format	Color
R_{YB}	241, 197, 1
Decimal	15822081
CIE Lab	61.34, 46.71, 69.46
CIE LCh	61, 83.703, 56.082
Yxy	29.6402, 0.5571, 0.3955
Android (android.graphics.Color)	4294012161 (0xFFFF16D01)
YUV	136.1560, -66.6319, 91.9482
Hunter-Lab	54.4429, 41.6085, 34.2446

Details

The Hex color **F16D01** 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 **0185F1**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFA345**, and **B13800** is the 20% darker color. If you saturate the color by 10%, you get **F16C00**, and if you desaturate by 10%, it is **F17A19**.

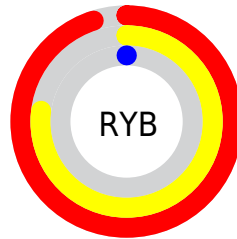
Distribution



Red (95%)

Green (43%)

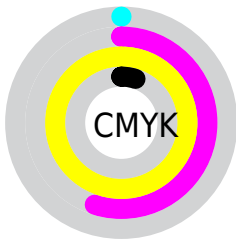
Blue (0%)



Red (95%)

Yellow (77%)

Blue (0%)

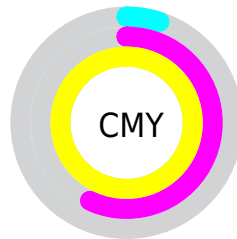


Cyan (0%)

Magenta (55%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F16D01 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 F16D01 by changing the saturation by 10% instead.

 F16D01

 F16D01

FFFFFF

 D15300

 FFA345

 B13800

 FFBF60

 911C00

 FFDC7B

 720000

 FFF996

 540000

 FFFFB2

 3A0002

 FFFFCE

 150000

 FFFFEC

 000000

 F16D01

 F16D01

■ F16C00

■ F17A19

■ F18831

■ F19549

■ F1A261

■ F1AF79

■ F1BD92

■ F1CAAA

■ F1D7C2

■ F1E4DA

Harmonies

Analogous

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



FF4558



F16D01



BB8E00

Triad

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



F16D01



00B388



7585FF

Complementary

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



F16D01



0185F1

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.



00A1FF



F16D01



00B4D4

Square

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



F16D01



00AE39



00AFFF



E25CE8

Rectangle

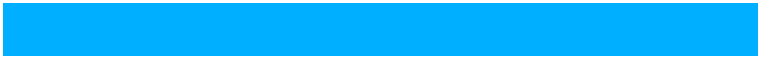
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F16D01



8E9D00



00AFFF



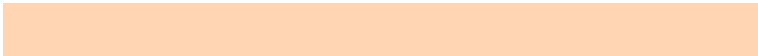
0090FF

Sweetspot

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



F16D01



FFD5B3



F10185



806652



000000



808080

Same Dimension

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



F16D01



FF7300



F1E501



78716C



B85300



381900

Inverse Universe

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



0185F1



008CFF



010DF1



6C7278



0065B8



001F38

Previews

White Background



This preview shows how the Hex color F16D01 looks on a white background.

Color Contrast Check

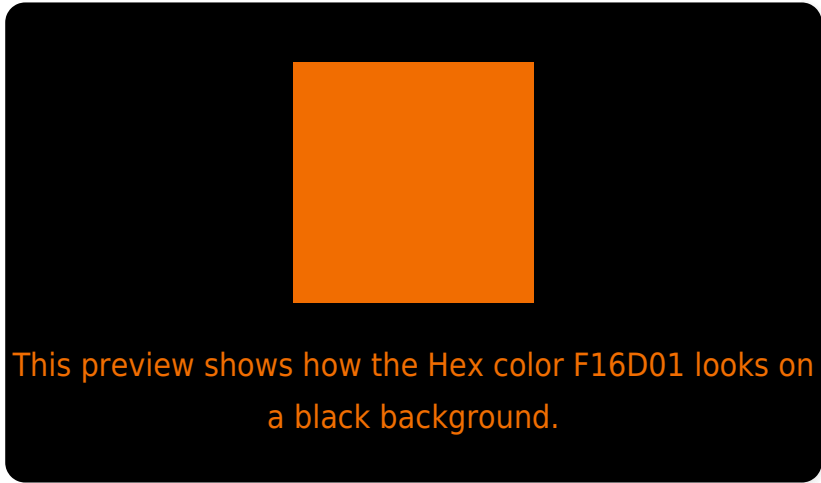
Large Text (above 18pt) WCAG AA ✓ Pass

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 F16D01 Background



This preview shows how black text looks on a background with the Hex color F16D01.



This preview shows how white text looks on a background with the Hex color F16D01.

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
F16D01

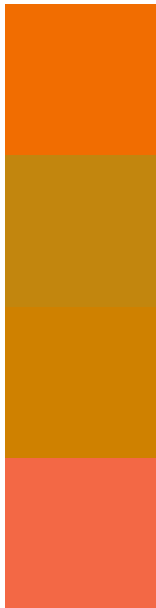
Protanopia
A79516

Deuteranopia
BC8D00



Tritanopia
F4656C

Trichromacy



Original Color
F16D01

Protanomaly
C2860E

Deuteranomaly
CF8100

Tritanomaly
F36845

Monochromacy



Original Color
F16D01

Achromatopsia
888888

Achromatomaly
AE7E57

CSS Examples

Text

The CSS property to change the color of the text to Hex F16D01 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 #F16D01 looks like.

```
.text, #text, p{  
    color:#F16D01  
}
```

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 #F16D01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F16D01
}
```

Border

The CSS property to change the border of an element to Hex F16D01 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
#F16D01 }
```

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

```
.border{ border-color:#F16D01 }
```

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

Here you see how a box with a 4 pixel #F16D01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F16D01; -webkit-box-shadow:4px 4px  
4px 4px #F16D01; box-shadow:4px 4px 4px  
4px #F16D01 }
```

Background

The CSS property to change the background color of an element to Hex F16D01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F16D01 }
```

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

```
.background{ background-color:#F16D01 }
```

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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