

Converting Colors

Hex(F16E03)

Have a look what the booklet for
Hex(F16E03) contains.

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Color

Hex(F16E03)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F16E03 |
| RGB | 241, 110, 3 |
| RGB Percent | 95%, 43%, 1% |
| CMY | 0.0549, 0.5686, 0.9882 |
| CMYK | 0.00, 0.54, 0.99, 0.05 |
| HSL | 27°, 98%, 48% |
| HSV | 27°, 99%, 95% |
| XYZ | 41.8680, 29.8592, 3.6429 |
| YIQ | 136.9710, 112.4230, -5.5050 |

Conversions

Conversions Part 2

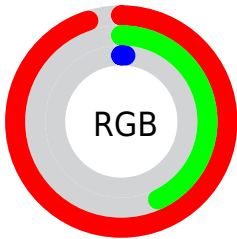
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 241, 197, 3 |
| Decimal | 15822339 |
| CIE _{Lab} | 61.53, 46.25, 69.23 |
| CIE _{LCh} | 62, 83.257, 56.257 |
| Yxy | 29.8592, 0.5555, 0.3962 |
| Android (android.graphics.Color) | 4294012419 (0xFFFF16E03) |
| YUV | 136.9710, -66.0477, 91.2334 |
| Hunter-Lab | 54.6436, 41.1407, 34.2979 |

Details

The Hex color **F16E03** 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 **038F1**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFA446**, and **B13900** is the 20% darker color. If you saturate the color by 10%, you get **F16C00**, and if you desaturate by 10%, it is **F17B1B**.

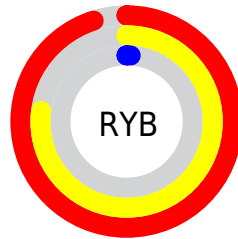
Distribution



Red (95%)

Green (43%)

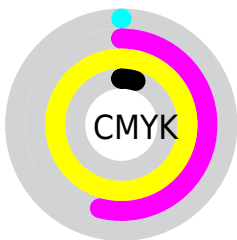
Blue (1%)



Red (95%)

Yellow (77%)

Blue (1%)

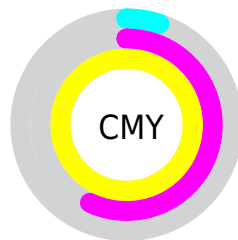


Cyan (0%)

Magenta (54%)

Yellow (99%)

Black (5%)



Cyan (5%)

Magenta (57%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color F16E03 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 F16E03 by changing the saturation by 10% instead.

 F16E03

 F16E03

FFFFFF

 D15400

 FFA446

 B13900

 FFC061

 911D00

 FFDD7C

 720000

 FFFA97

 550000

 FFFFB3

 3A0001

 FFFFD0

 150000

 FFFFED

 000000

 F16E03

 F16E03

 F16C00

 F17B1B

 F18933

 F1964B

 F1A363

 F1B07B

 F1BE94

 F1CBAC

 F1D8C4

 F1E5DC

Harmonies

Analogous

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



FF4658



F16E03



BB8E00

Triad

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



F16E03



00B489



7785FF

Complementary

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



F16E03



0386F1

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



F16E03



00B5D4

Square

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



F16E03



00AF3B



00AFFF



E25DE8

Rectangle

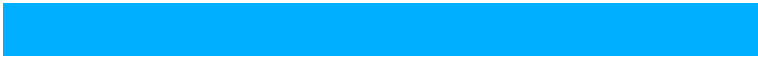
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F16E03



8E9E00



00AFFF



1190FF

Sweetspot

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



F16E03



FFD5B3



F1038A



806652



000000



808080

Same Dimension

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



F16E03



FF7300



F1E103



78716C



B85300



381900

Inverse Universe

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



0386F1



008CFF



0313F1



6C7278



0065B8



001F38

Previews

White Background



This preview shows how the Hex color F16E03 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 F16E03 Background



This preview shows how black text looks on a background with the Hex color F16E03.



This preview shows how white text looks on a background with the Hex color F16E03.

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
F16E03

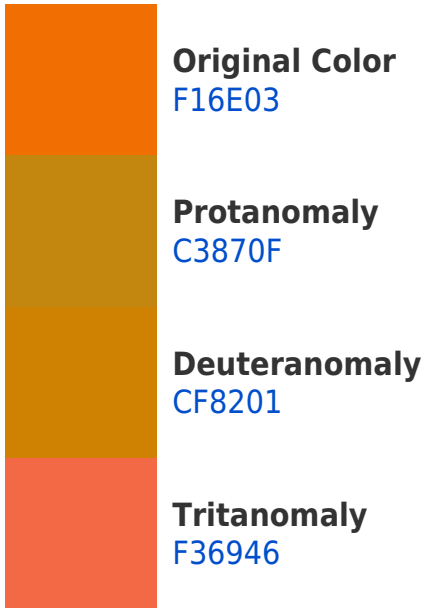
Protanopia
A89516

Deuteranopia
BC8D00



Tritanopia
F4666D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F16E03 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 #F16E03 looks like.

```
.text, #text, p{  
    color:#F16E03  
}
```

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 #F16E03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F16E03
}
```

Border

The CSS property to change the border of an element to Hex F16E03 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
#F16E03 }
```

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

```
.border{ border-color:#F16E03 }
```

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

Here you see how a box with a 4 pixel #F16E03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F16E03; -webkit-box-shadow:4px 4px  
4px 4px #F16E03; box-shadow:4px 4px 4px  
4px #F16E03 }
```

Background

The CSS property to change the background color of an element to Hex F16E03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F16E03 }
```

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

```
.background{ background-color:#F16E03 }
```

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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