

# Converting Colors

Hex(F16A3C)

Have a look what the booklet for  
Hex(F16A3C) contains.

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# Color

Hex(F16A3C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F16A3C
RGB	241, 106, 60
RGB Percent	95%, 42%, 24%
CMY	0.0549, 0.5843, 0.7647
CMYK	0.00, 0.56, 0.75, 0.05
HSL	15°, 87%, 59%
HSV	15°, 75%, 95%
XYZ	42.2453, 29.3351, 7.7106
YIQ	141.1210, 95.2260, 14.3140

# Conversions

## Conversions Part 2

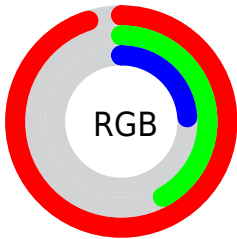
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	241, 122, 60
Decimal	15821372
CIE <sub>Lab</sub>	61.08, 49.35, 50.15
CIE <sub>LCh</sub>	61, 70.358, 45.456
Yxy	29.3351, 0.5328, 0.3700
Android (android.graphics.Color)	4294011452 (0xFFFF16A3C)
YUV	141.1210, -39.9927, 87.5939
Hunter-Lab	54.1619, 44.4435, 29.4726

# Details

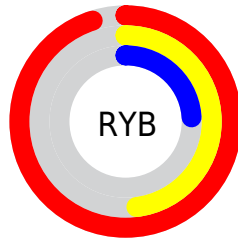
The Hex color **F16A3C** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **3CC3F1**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFA16E**, and **B23409** is the 20% darker color. If you saturate the color by 10%, you get **F15824**, and if you desaturate by 10%, it is **F17C54**.

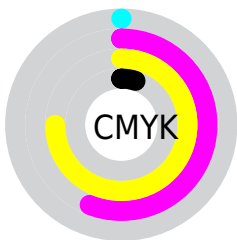
# Distribution



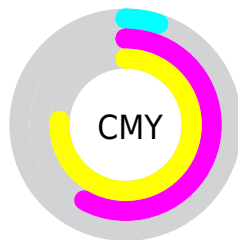
- Red (95%)
- Green (42%)
- Blue (24%)



- Red (95%)
- Yellow (48%)
- Blue (24%)



- Cyan (0%)
- Magenta (56%)
- Yellow (75%)
- Black (5%)



- Cyan (5%)
- Magenta (58%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F16A3C 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 F16A3C by changing the saturation by 10% instead.



 F16A3C

 F16A3C

FFFFFF

 D14F24

 FFA16E

 B23409

 FFBD88

 931400

 FFD9A3

 740000

 FFF6BE

 560000

 FFFFDA

 3B0002

 FFFFF7

 170000

 000000

 F16A3C

 F16A3C

 F15824

 F17C54

 F1460C

 F18E6C

 F13D00

 F1A084

 F1B29C

 F1C4B5

 F1D6CD

 F1E8E5

 F1FAFD

 F1FFFF

# Harmonies

## Analogous

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



FF5376



F16A3C



C98500

# Triad

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



F16A3C



00AE72



4990FF

# Complementary

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



F16A3C



3CC3F1

# 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.



00A3FF



F16A3C



00B0B3

# Square

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



F16A3C



47A733



00ADEB



BE73EB

# Rectangle

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



F16A3C



A69400



00ADEB



0097FF



# Sweetspot

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



F16A3C



FFD3C4



F13CC4



80655C



000000



808080



# Same Dimension

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



F16A3C



FF5419



F1C43C



786F6C



B82F00



380E00



# Inverse Universe

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



3CC3F1



19C5FF



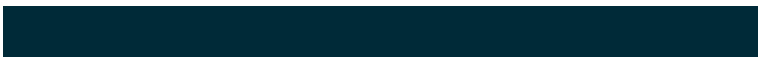
3C69F1



6C7578



0089B8



002A38



# Previews

## White Background



This preview shows how the Hex color F16A3C looks on a white background.

## Color Contrast Check

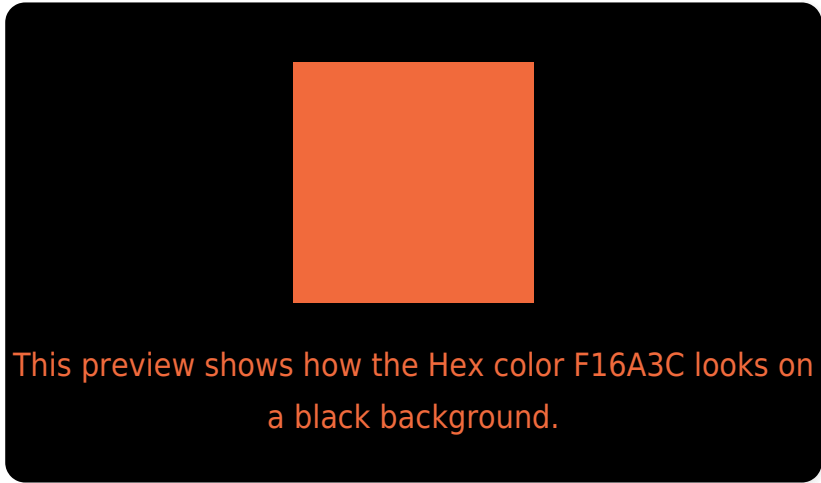
Large Text (above 18pt) WCAG AA ✓ Pass

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 F16A3C Background



This preview shows how black text looks on a background with the Hex color F16A3C.

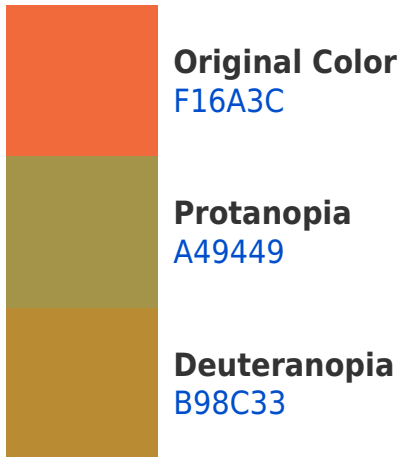


This preview shows how white text looks on a background with the Hex color F16A3C.

# 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](#).

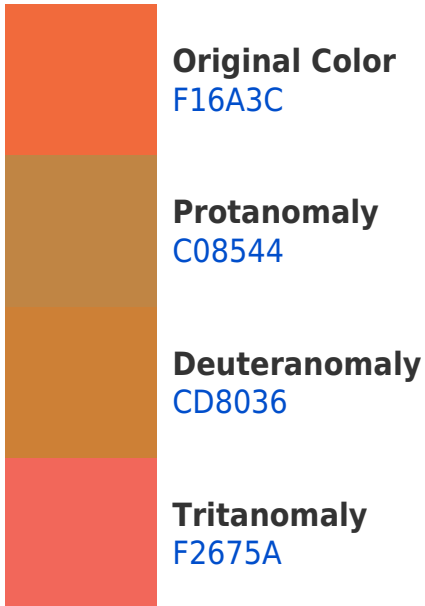
## Dichromacy



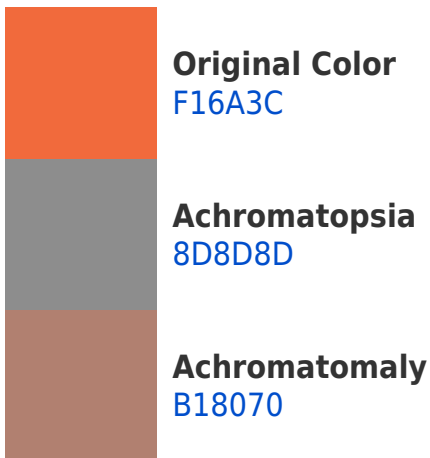


**Tritanopia**  
F3656B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F16A3C 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 #F16A3C looks like.

```
.text, #text, p{  
    color:#F16A3C  
}
```

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 #F16A3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F16A3C
}
```

## Border

The CSS property to change the border of an element to Hex F16A3C 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
#F16A3C }
```

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

```
.border{ border-color:#F16A3C }
```

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

Here you see how a box with a 4 pixel #F16A3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F16A3C; -webkit-box-shadow:4px 4px  
4px 4px #F16A3C; box-shadow:4px 4px 4px  
4px #F16A3C }
```

# Background

The CSS property to change the background color of an element to Hex F16A3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F16A3C }
```

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

```
.background{ background-color:#F16A3C }
```

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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