

Converting Colors

Hex(F16A36)

Have a look what the booklet for
Hex(F16A36) contains.

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Color

Hex(F16A36)

Conversions

Conversions Part 1

Format	Color
Hex	F16A36
RGB	241, 106, 54
RGB Percent	95%, 42%, 21%
CMY	0.0549, 0.5843, 0.7882
CMYK	0.00, 0.56, 0.78, 0.05
HSL	17°, 87%, 58%
HSV	17°, 78%, 95%
XYZ	42.0955, 29.2752, 6.9220
YIQ	140.4370, 97.1520, 12.4480

Conversions

Conversions Part 2

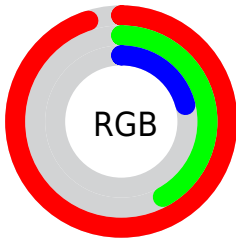
Format	Color
RYB	241, 126, 54
Decimal	15821366
CIELab	61.02, 49.13, 52.98
CIElCh	61, 72.251, 47.159
Yxy	29.2752, 0.5377, 0.3739
Android (android.graphics.Color)	4294011446 (0xFFFF16A36)
YUV	140.4370, -42.6134, 88.1938
Hunter-Lab	54.1065, 44.1886, 30.2894

Details

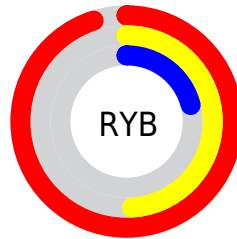
The Hex color **F16A36** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **36BDF1**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFA168**, and **B23400** is the 20% darker color. If you saturate the color by 10%, you get **F1591E**, and if you desaturate by 10%, it is **F17B4E**.

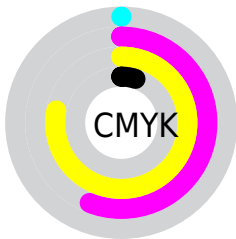
Distribution



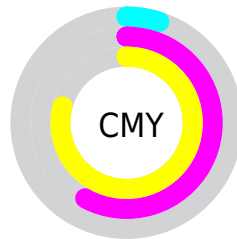
- Red (95%)
- Green (42%)
- Blue (21%)



- Red (95%)
- Yellow (49%)
- Blue (21%)



- Cyan (0%)
- Magenta (56%)
- Yellow (78%)
- Black (5%)



- Cyan (5%)
- Magenta (58%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color F16A36 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 F16A36 by changing the saturation by 10% instead.

 F16A36

 F16A36

FFFFFF

 D14F1D

 FFA168

 B23400

 FFBD82

 931500

 FFD99D

 740000

 FFF6B8

 560000

 FFFFD4

 3B0002

 FFFFF1

 160000

 000000

 F16A36

 F16A36

 F1591E

 F17B4E

 F14706

 F18D66

 F14300

 F19E7E

 F1B096

 F1C1AE

 F1D2C7

 F1E4DF

 F1F5F7

 F1FFFF

Harmonies

Analogous

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



FF5172



F16A36



C78600

Triad

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



F16A36



00AF75



4F8EFF

Complementary

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



F16A36



36BDF1

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



F16A36



00B0B7

Square

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



F16A36



3CA834



00ADF0



C370EB

Rectangle

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



F16A36



A39500



00ADF0



0096FF

Sweetspot

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



F16A36



FFD5C4



F136BF



80665C



000000



808080

Same Dimension

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



F16A36



FF5412



F1C536



786F6C



B83300



381000

Inverse Universe

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



36BDF1



12BDFE



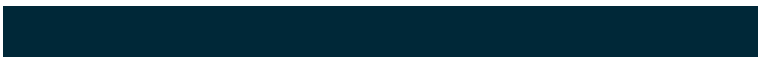
3662F1



6C7578



0085B8



002838

Previews

White Background



This preview shows how the Hex color F16A36 looks on a white background.

Color Contrast Check

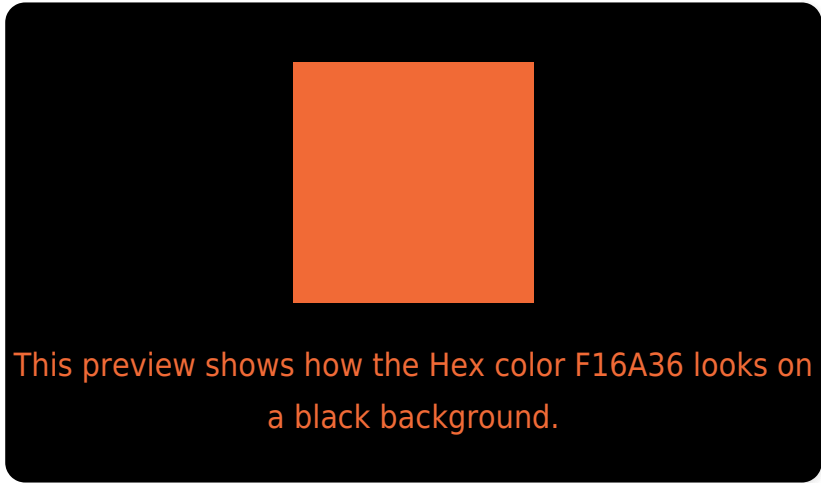
Large Text (above 18pt) WCAG AA ✓ Pass

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 F16A36 Background



This preview shows how black text looks on a background with the Hex color F16A36.



This preview shows how white text looks on a background with the Hex color F16A36.

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
F16A36

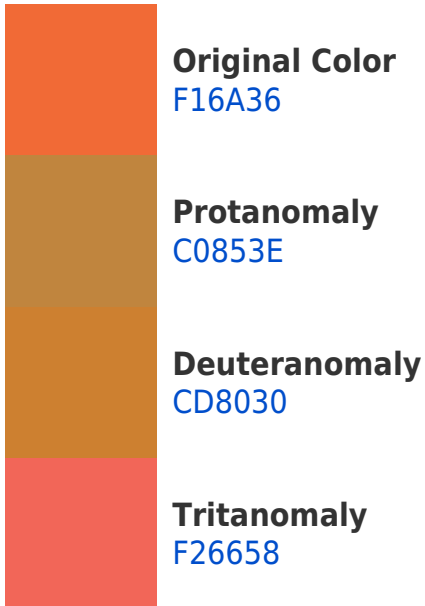
Protanopia
A49442

Deuteranopia
B98C2C



Tritanopia
F3646B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F16A36 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 #F16A36 looks like.

```
.text, #text, p{  
    color:#F16A36  
}
```

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 #F16A36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F16A36
}
```

Border

The CSS property to change the border of an element to Hex F16A36 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
#F16A36 }
```

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

```
.border{ border-color:#F16A36 }
```

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

Here you see how a box with a 4 pixel #F16A36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F16A36; -webkit-box-shadow:4px 4px  
4px 4px #F16A36; box-shadow:4px 4px 4px  
4px #F16A36 }
```

Background

The CSS property to change the background color of an element to Hex F16A36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F16A36 }
```

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

```
.background{ background-color:#F16A36 }
```

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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