

# Converting Colors

Hex(F36C3B)

Have a look what the booklet for  
Hex(F36C3B) contains.

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**Color**

**Hex(F36C3B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F36C3B
RGB	243, 108, 59
RGB Percent	95%, 42%, 23%
CMY	0.0471, 0.5765, 0.7686
CMYK	0.00, 0.56, 0.76, 0.05
HSL	16°, 88%, 59%
HSV	16°, 76%, 95%
XYZ	43.1141, 30.0956, 7.6743
YIQ	142.7790, 96.1890, 13.3810

# Conversions

## Conversions Part 2

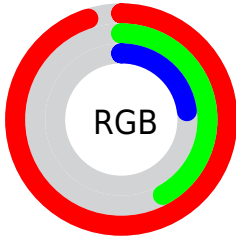
Format	Color
R <sub>Y</sub> B	243, 126, 59
Decimal	15952955
CIE Lab	61.74, 49.10, 51.41
CIE LCh	62, 71.096, 46.316
Yxy	30.0956, 0.5330, 0.3721
Android (android.graphics.Color)	4294143035 (0xFFFF36C3B)
YUV	142.7790, -41.3030, 87.8938
Hunter-Lab	54.8594, 44.2795, 30.1075

# Details

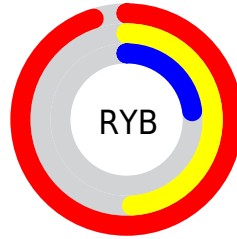
The Hex color **F36C3B** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **3BC2F3**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFA36D**, and **B43607** is the 20% darker color. If you saturate the color by 10%, you get **F35A23**, and if you desaturate by 10%, it is **F37E53**.

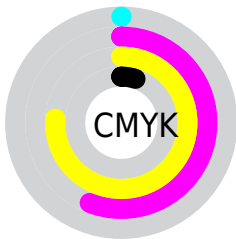
# Distribution



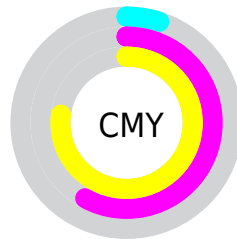
- Red (95%)
- Green (42%)
- Blue (23%)



- Red (95%)
- Yellow (49%)
- Blue (23%)



- Cyan (0%)
- Magenta (56%)
- Yellow (76%)
- Black (5%)



- Cyan (5%)
- Magenta (58%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F36C3B 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 F36C3B by changing the saturation by 10% instead.



 F36C3B

 F36C3B

FFFFFF

 D35122

 FFA36D

 B43607

 FFBF87

 951800

 FFDBA2

 760000

 FFF9BD

 580000

 FFFFDA

 3C0001

 FFFFF6

 1B0001

 000000

 F36C3B

 F36C3B

 F35A23

 F37E53

 F3480A

 F3906C

 F34100

 F3A184

 F3B39C

 F3C5B5

 F3D7CD

 F3E9E5

 F3FBFD

 F3FFFF

# Harmonies

## Analogous

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



FF5476



F36C3B



CA8800

# Triad

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



F36C3B



00B075



4F91FF

# Complementary

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



F36C3B



3BC2F3

# 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.



00A5FF



F36C3B



00B2B7

# Square

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



F36C3B



44AA36



00AFEF



C374ED

# Rectangle

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



F36C3B



A69700



00AFEF



0098FF



# Sweetspot

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



F36C3B



FFD4C4



F33BC5



80655C



000000



808080



# Same Dimension

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



F36C3B



FF5517



F3C53B



7A716E



BA3200



3B1000

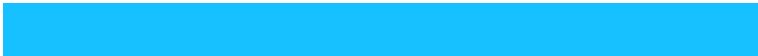


# Inverse Universe

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



3BC2F3



17C1FF



3B69F3



6E777A



0089BA



002B3B



# Previews

## White Background



This preview shows how the Hex color F36C3B looks on a white background.

## Color Contrast Check

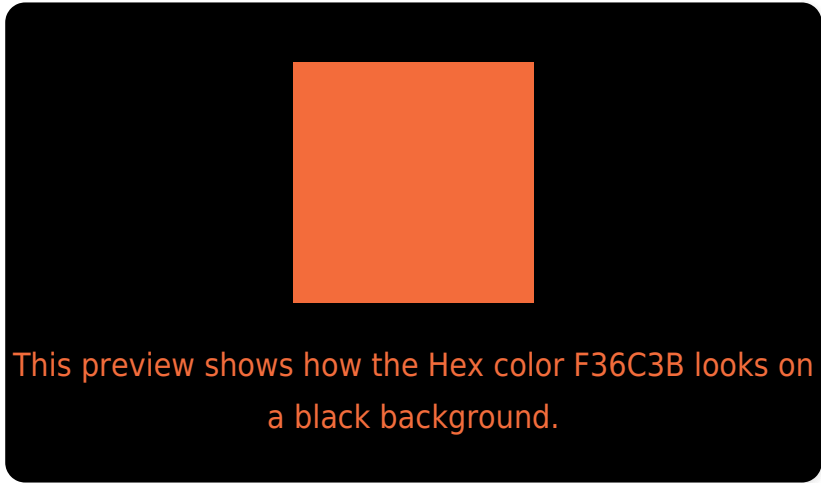
Large Text (above 18pt) WCAG AA × Fail

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 F36C3B Background



This preview shows how black text looks on a background with the Hex color F36C3B.

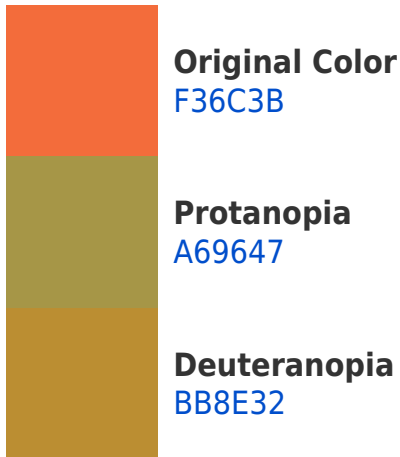


This preview shows how white text looks on a background with the Hex color F36C3B.

# 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**  
F5666D

# Trichromacy



**Original Color**  
F36C3B

**Protanomaly**  
C28743

**Deuteranomaly**  
CF8235

**Tritanomaly**  
F4685B

# Monochromacy



**Original Color**  
F36C3B

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
B38270

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F36C3B 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 #F36C3B looks like.

```
.text, #text, p{  
    color:#F36C3B  
}
```

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 #F36C3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F36C3B
}
```

## Border

The CSS property to change the border of an element to Hex F36C3B 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
#F36C3B }
```

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

```
.border{ border-color:#F36C3B }
```

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

Here you see how a box with a 4 pixel #F36C3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F36C3B; -webkit-box-shadow:4px 4px  
4px 4px #F36C3B; box-shadow:4px 4px 4px  
4px #F36C3B }
```

# Background

The CSS property to change the background color of an element to Hex F36C3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F36C3B }
```

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

```
.background{ background-color:#F36C3B }
```

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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