

# Converting Colors

Hex(F06137)

Have a look what the booklet for  
Hex(F06137) contains.

<b>Hex(F06137)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(F06137)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F06137
RGB	240, 97, 55
RGB Percent	94%, 38%, 22%
CMY	0.0588, 0.6196, 0.7843
CMYK	0.00, 0.60, 0.77, 0.06
HSL	14°, 86%, 58%
HSV	14°, 77%, 94%
XYZ	40.8995, 27.3505, 6.7380
YIQ	134.9690, 98.7100, 17.2540

# Conversions

## Conversions Part 2

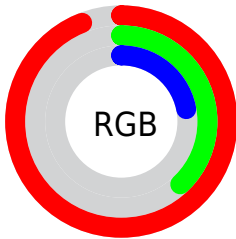
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 109, 55
Decimal	15753527
CIE <sub>Lab</sub>	59.30, 52.92, 50.72
CIE <sub>LCh</sub>	59, 73.301, 43.779
Yxy	27.3505, 0.5454, 0.3647
Android (android.graphics.Color)	4293943607 (0xFFFF06137)
YUV	134.9690, -39.4247, 92.1122
Hunter-Lab	52.2977, 48.0751, 28.9695

# Details

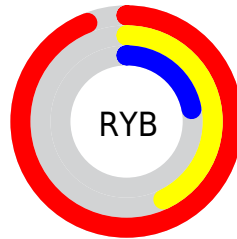
The Hex color **F06137** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **37C6F0**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF9869**, and **B02804** is the 20% darker color. If you saturate the color by 10%, you get **F04E1F**, and if you desaturate by 10%, it is **F0744F**.

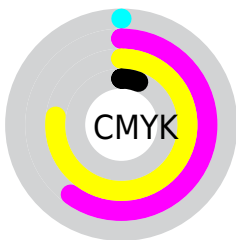
# Distribution



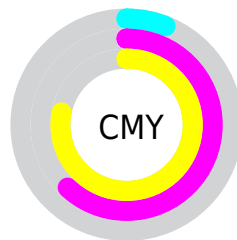
- Red (94%)
- Green (38%)
- Blue (22%)



- Red (94%)
- Yellow (43%)
- Blue (22%)



- Cyan (0%)
- Magenta (60%)
- Yellow (77%)
- Black (6%)



- Cyan (6%)
- Magenta (62%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F06137 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 F06137 by changing the saturation by 10% instead.



 F06137

 F06137

FFFFFF

 D0461F

 FF9869

 B02804

 FFB482

 910000

 FFD19D

 720000

 FFEEB8

 540000

 FFFFD4

 390002

 FFFFF1

 100000

 000000

 F06137

 F06137

 F04E1F

 F0744F

 F03C07

 F08667

 F03600

 F0997F

 F0AB97

 F0BEAF

 F0D0C7

 F0E3DF

 F0F5F7

 F0FFFF

# Harmonies

## Analogous

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



FF4874



F06137



C87F00

# Triad

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



F06137



00AA68



208CFF

# Complementary

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



F06137



37C6F0

# 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.



00A0FF



F06137



00ACAC

# Square

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



F06137



42A325



00A9E7



B66FED

# Rectangle

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



F06137



A48F00



00A9E7



0094FF



# Sweetspot

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



F06137



FFD2C4



F037C8



80645C



000000



808080



# Same Dimension

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



F06137



FF4812



F0BC37



786F6C



B82A00



380D00

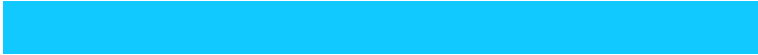


# Inverse Universe

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



37C6F0



12C9FF



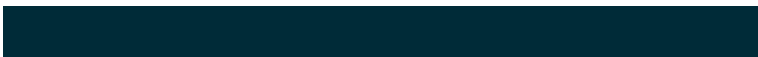
376BF0



6C7578



008EB8



002B38



# Previews

## White Background



This preview shows how the Hex color F06137 looks on a white background.

## Color Contrast Check

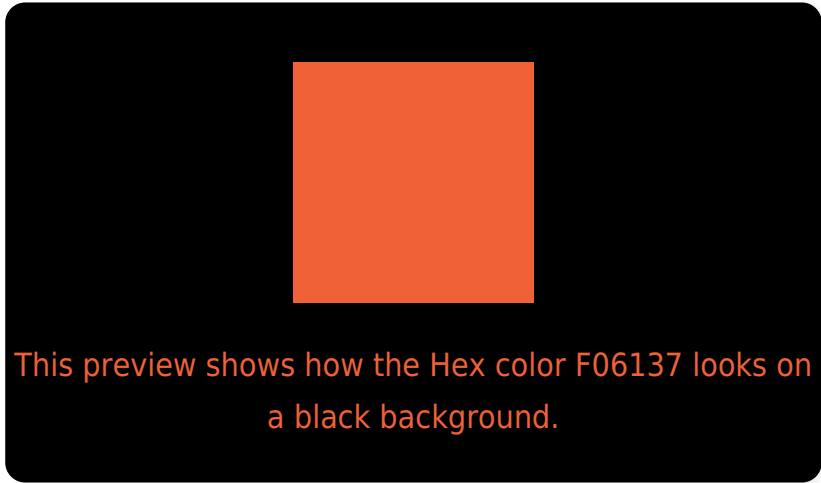
Large Text (above 18pt) WCAG AA ✓ Pass

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 F06137 Background



This preview shows how black text looks on a background with the Hex color F06137.



This preview shows how white text looks on a background with the Hex color F06137.

# 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**  
F06137

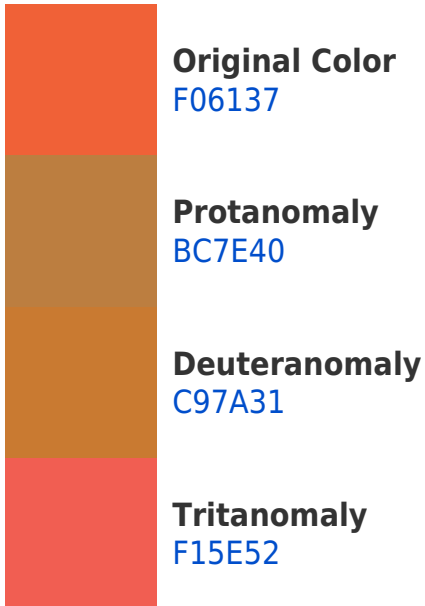
**Protanopia**  
9F8F45

**Deuteranopia**  
B3882D

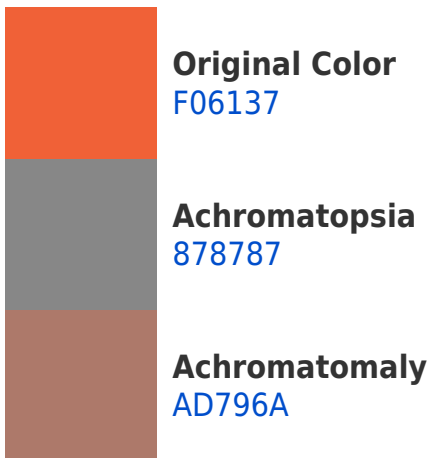


**Tritanopia**  
F25C62

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F06137 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 #F06137 looks like.

```
.text, #text, p{  
    color:#F06137  
}
```

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 #F06137 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F06137
}
```

## Border

The CSS property to change the border of an element to Hex F06137 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
#F06137 }
```

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

```
.border{ border-color:#F06137 }
```

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

Here you see how a box with a 4 pixel #F06137 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F06137; -webkit-box-shadow:4px 4px  
4px 4px #F06137; box-shadow:4px 4px 4px  
4px #F06137 }
```

# Background

The CSS property to change the background color of an element to Hex F06137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F06137 }
```

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

```
.background{ background-color:#F06137 }
```

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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