

# Converting Colors

Hex(F06929)

Have a look what the booklet for  
Hex(F06929) contains.

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**Color**

**Hex(F06929)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F06929
RGB	240, 105, 41
RGB Percent	94%, 41%, 16%
CMY	0.0588, 0.5882, 0.8392
CMYK	0.00, 0.56, 0.83, 0.06
HSL	19°, 87%, 55%
HSV	19°, 83%, 94%
XYZ	41.3870, 28.7885, 5.4732
YIQ	138.0690, 101.0040, 8.7160

# Conversions

## Conversions Part 2

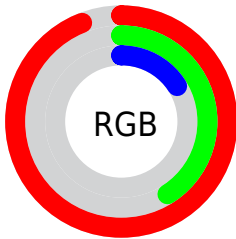
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 135, 41
Decimal	15755561
CIE <sub>Lab</sub>	60.59, 48.83, 58.25
CIE <sub>LCh</sub>	61, 76.006, 50.028
Yxy	28.7885, 0.5471, 0.3806
Android (android.graphics.Color)	4293945641 (0xFFFF06929)
YUV	138.0690, -47.8550, 89.3935
Hunter-Lab	53.6549, 43.7907, 31.5104

# Details

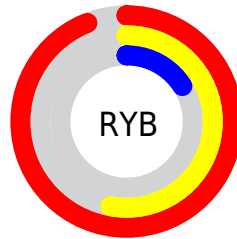
The Hex color **F06929** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **29B0F0**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF9F5C**, and **B03300** is the 20% darker color. If you saturate the color by 10%, you get **F05911**, and if you desaturate by 10%, it is **F07941**.

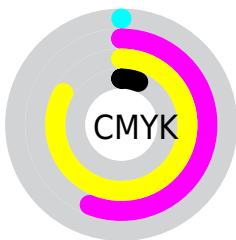
# Distribution



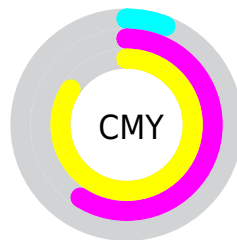
- Red (94%)
- Green (41%)
- Blue (16%)



- Red (94%)
- Yellow (53%)
- Blue (16%)



- Cyan (0%)
- Magenta (56%)
- Yellow (83%)
- Black (6%)



- Cyan (6%)
- Magenta (59%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F06929 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 F06929 by changing the saturation by 10% instead.



 F06929

 F06929

FFFFFF

 D04E0B

 FF9F5C

 B03300

 FFBB76

 911400

 FFD891

 720000

 FFF5AC

 540000

 FFFFC8

 3A0002

 FFFF E5

 130000

 000000

 F06929

 F06929

 F05911

 F07941

 F04D00

 F08A59

 F09A71

 F0AA89

 F0BAA1

 F0CBB9

 F0DBD1

 F0EBE9

 F0FCFF

# Harmonies

## Analogous

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



FF4B69



F06929



C28700

# Triad

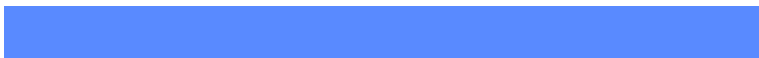
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F06929



00AF79



598AFF

# Complementary

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



F06929



29B0F0

# 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



F06929



00B0BE

# Square

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



F06929



1FA933



00ACF8



CB69E9

# Rectangle

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



F06929



9B9600



00ACF8



0093FF



# Sweetspot

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



F06929



FFD4BF



F029B1



806659



000000



808080



# Same Dimension

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



F06929



FF5200



F0CC29



78706C



B83B00



381200

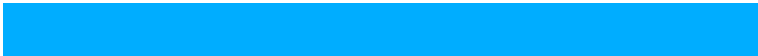


# Inverse Universe

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



29B0F0



00ADFF



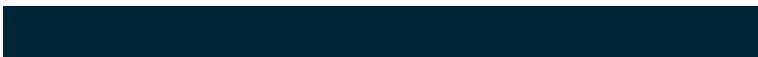
294DF0



6C7478



007DB8



002638



# Previews

## White Background



This preview shows how the Hex color F06929 looks on a white background.

## Color Contrast Check

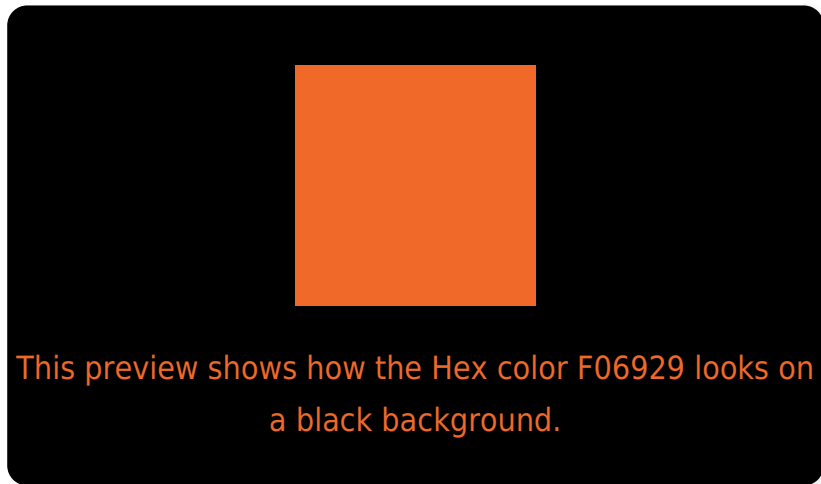
Large Text (above 18pt) WCAG AA ✓ Pass

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 F06929 Background



This preview shows how black text looks on a background with the Hex color F06929.

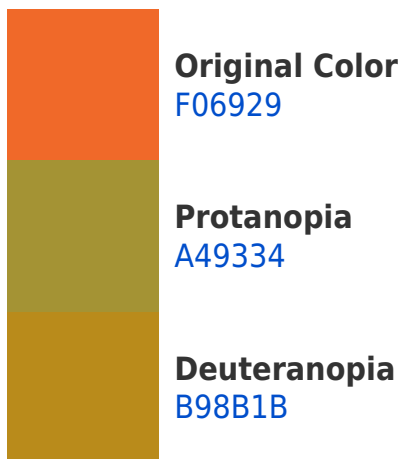



This preview shows how white text looks on a background with the Hex color F06929.

# 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**  
F26369

# Trichromacy



**Original Color**  
F06929

**Protanomaly**  
C08430

**Deuteranomaly**  
CD7F20

**Tritanomaly**  
F16552

# Monochromacy



**Original Color**  
F06929

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
AF7E67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F06929 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 #F06929 looks like.

```
.text, #text, p{  
    color:#F06929  
}
```

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 #F06929 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F06929
}
```

## Border

The CSS property to change the border of an element to Hex F06929 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
#F06929 }
```

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

```
.border{ border-color:#F06929 }
```

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

Here you see how a box with a 4 pixel #F06929 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F06929; -webkit-box-shadow:4px 4px  
4px 4px #F06929; box-shadow:4px 4px 4px  
4px #F06929 }
```

# Background

The CSS property to change the background color of an element to Hex F06929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F06929 }
```

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

```
.background{ background-color:#F06929 }
```

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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