

# Converting Colors

Hex(F56631)

Have a look what the booklet for  
Hex(F56631) contains.

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# Color

**Hex(F56631)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F56631
RGB	245, 102, 49
RGB Percent	96%, 40%, 19%
CMY	0.0392, 0.6000, 0.8078
CMYK	0.00, 0.58, 0.80, 0.04
HSL	16°, 91%, 58%
HSV	16°, 80%, 96%
XYZ	42.9619, 29.1370, 6.2654
YIQ	138.7150, 102.2410, 13.8330

# Conversions

## Conversions Part 2

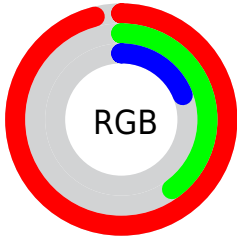
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 122, 49
Decimal	16082481
CIE Lab	60.90, 52.25, 55.38
CIE LCh	61, 76.134, 46.665
Yxy	29.1370, 0.5482, 0.3718
Android (android.graphics.Color)	4294272561 (0xFFFF56631)
YUV	138.7150, -44.2295, 93.2119
Hunter-Lab	53.9787, 47.6065, 30.9032

# Details

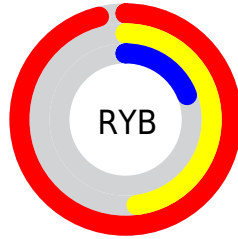
The Hex color **F56631** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **31C0F5**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF9D63**, and **B52E00** is the 20% darker color. If you saturate the color by 10%, you get **F55418**, and if you desaturate by 10%, it is **F5784A**.

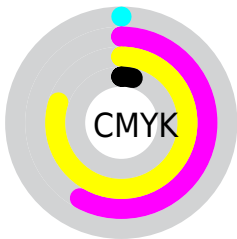
# Distribution



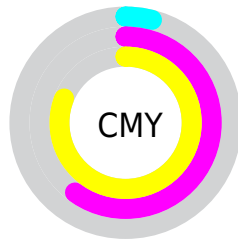
- Red (96%)
- Green (40%)
- Blue (19%)



- Red (96%)
- Yellow (48%)
- Blue (19%)



- Cyan (0%)
- Magenta (58%)
- Yellow (80%)
- Black (4%)



- Cyan (4%)
- Magenta (60%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F56631 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 F56631 by changing the saturation by 10% instead.



 F56631

 F56631

FFFFFF

 D54B17

 FF9D63

 B52E00

 FFB97D

 960900

 FFD698

 770000

 FFF3B3

 580000

 FFFFCF

 3D0002

 FFFFEC

 1A0001

 000000

 F56631

 F56631

 F55418

 F5784A

 F54200

 F58A62

 F59C7B

 F5AE93

 F5BFAB

 F5D1C4

 F5E3DD

 F5F5F5

 F5FFFF

# Harmonies

## Analogous

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



FF4971



F56631



C98500

# Triad

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



F56631



00AF72



3F8EFF

# Complementary

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



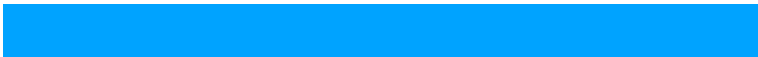
F56631



31C0F5

# 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



F56631



00B1B8

# Square

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



F56631



35A92B



00AEF4



C46EF0

# Rectangle

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



F56631



A39500



00AEF4



0096FF



# Sweetspot

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



F56631



FFD2C2



F531C1



80655B



000000



808080



# Same Dimension

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



F56631



FF4C0A



F5C731



7A716E



BA3200



3B1000

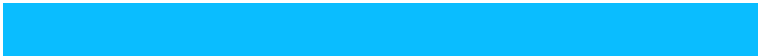


# Inverse Universe

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



31C0F5



0ABDFF



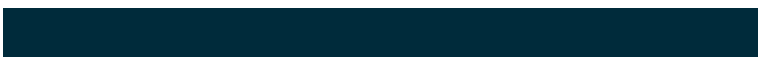
315FF5



6E777A



0088BA



002B3B



# Previews

## White Background



This preview shows how the Hex color F56631 looks on a white background.

## Color Contrast Check

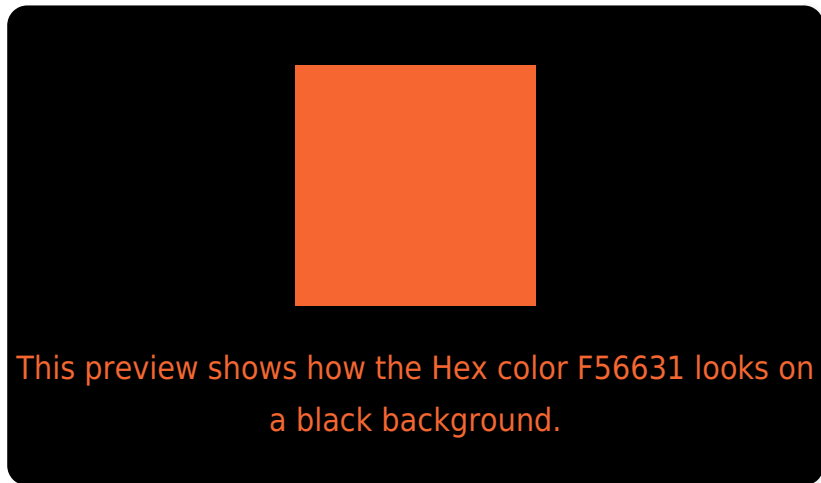
Large Text (above 18pt) WCAG AA ✓ Pass

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 F56631 Background



This preview shows how black text looks on a background with the Hex color F56631.



This preview shows how white text looks on a background with the Hex color F56631.

# 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**  
F56631

**Protanopia**  
A4943D

**Deuteranopia**  
B98C25



**Tritanopia**  
F76066

# Trichromacy



**Original Color**  
F56631

**Protanomaly**  
C18339

**Deuteranomaly**  
CF7E29

**Tritanomaly**  
F66253

# Monochromacy



**Original Color**  
F56631

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
B27E6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F56631 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 #F56631 looks like.

```
.text, #text, p{  
    color:#F56631  
}
```

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 #F56631 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F56631
}
```

## Border

The CSS property to change the border of an element to Hex F56631 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
#F56631 }
```

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

```
.border{ border-color:#F56631 }
```

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

Here you see how a box with a 4 pixel #F56631 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F56631; -webkit-box-shadow:4px 4px  
4px 4px #F56631; box-shadow:4px 4px 4px  
4px #F56631 }
```

# Background

The CSS property to change the background color of an element to Hex F56631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F56631 }
```

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

```
.background{ background-color:#F56631 }
```

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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