

Converting Colors

Hex(F56335)

Have a look what the booklet for
Hex(F56335) contains.

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Color

Hex(F56335)

Conversions

Conversions Part 1

Format	Color
Hex	F56335
RGB	245, 99, 53
RGB Percent	96%, 39%, 21%
CMY	0.0392, 0.6118, 0.7922
CMYK	0.00, 0.60, 0.78, 0.04
HSL	14°, 91%, 58%
HSV	14°, 78%, 96%
XYZ	42.7606, 28.5932, 6.6335
YIQ	137.4100, 101.7820, 16.6460

Conversions

Conversions Part 2

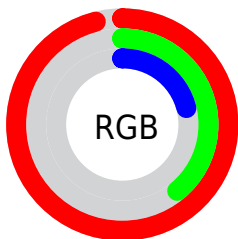
Format	Color
R_{YB}	245, 113, 53
Decimal	16081717
CIE Lab	60.42, 53.72, 53.06
CIE LCh	60, 75.511, 44.646
Yxy	28.5932, 0.5483, 0.3666
Android (android.graphics.Color)	4294271797 (0xFFFF56335)
YUV	137.4100, -41.6141, 94.3564
Hunter-Lab	53.4726, 49.1647, 30.0757

Details

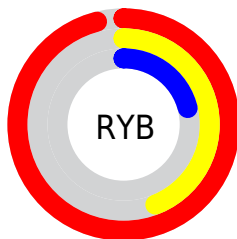
The Hex color **F56335** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **35C7F5**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF9A67**, and **B52A00** is the 20% darker color. If you saturate the color by 10%, you get **F5501C**, and if you desaturate by 10%, it is **F5764E**.

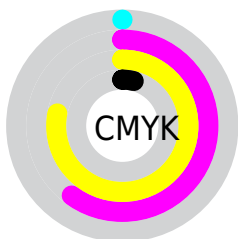
Distribution



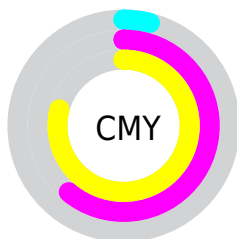
- Red (96%)
- Green (39%)
- Blue (21%)



- Red (96%)
- Yellow (44%)
- Blue (21%)



- Cyan (0%)
- Magenta (60%)
- Yellow (78%)
- Black (4%)



- Cyan (4%)
- Magenta (61%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color F56335 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 F56335 by changing the saturation by 10% instead.

 F56335

 F56335

FFFFFF

 D5471C

 FF9A67

 B52A00

 FFB681

 960000

 FFD39B

 770000

 FFF0B7

 580000

 FFFFD3

 3D0002

 FFFFEF

 190001

 000000

 F56335

 F56335

 F5501C

 F5764E

 F53E04

 F58866

 F53B00

 F59B7F

 F5AE97

 F5C0B0

 F5D3C8

 F5E5E1

 F5F8F9

 F5FFFF

Harmonies

Analogous

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



FF4874



F56335



CB8200

Triad

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



F56335



00AD6C



278FFF

Complementary

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



F56335



35C7F5

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



F56335



00B0B2

Square

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



F56335



3EA626



00ADEE



BD6FF1

Rectangle

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



F56335



A69200



00ADEE



0097FF

Sweetspot

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



F56335



FFD0C2



F535C8



80635B



000000



808080

Same Dimension

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



F56335



FF490F



F5C235



7A716E



BA2D00



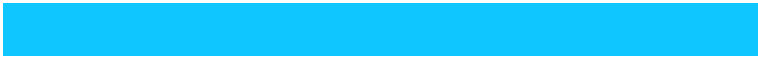
3B0E00

Inverse Universe

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



35C7F5



0FC6FF



3568F5



6E777A



008EBA



002D3B

Previews

White Background



This preview shows how the Hex color F56335 looks on a white background.

Color Contrast Check

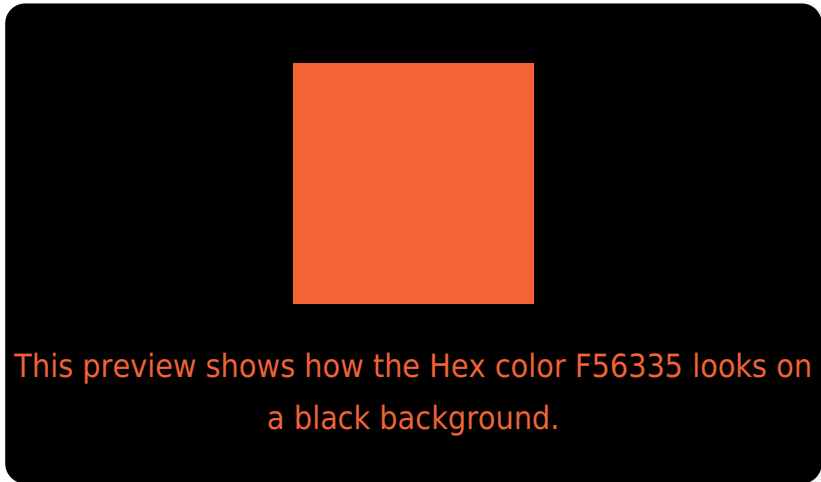
Large Text (above 18pt) WCAG AA ✓ Pass

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 F56335 Background



This preview shows how black text looks on a background with the Hex color F56335.



This preview shows how white text looks on a background with the Hex color F56335.

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
F56335

Protanopia
A29242

Deuteranopia
B78B2A



Tritanopia
F75E63

Trichromacy



Original Color
F56335

Protanomaly
C0813D

Deuteranomaly
CE7C2E

Tritanomaly
F66052

Monochromacy



Original Color
F56335

Achromatopsia
898989

Achromatomaly
B07B6A

CSS Examples

Text

The CSS property to change the color of the text to Hex F56335 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 #F56335 looks like.

```
.text, #text, p{  
    color:#F56335  
}
```

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 #F56335 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F56335
}
```

Border

The CSS property to change the border of an element to Hex F56335 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
#F56335 }
```

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

```
.border{ border-color:#F56335 }
```

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

Here you see how a box with a 4 pixel #F56335 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F56335; -webkit-box-shadow:4px 4px  
4px 4px #F56335; box-shadow:4px 4px 4px  
4px #F56335 }
```

Background

The CSS property to change the background color of an element to Hex F56335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F56335 }
```

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

```
.background{ background-color:#F56335 }
```

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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