

Converting Colors

Hex(F58535)

Have a look what the booklet for
Hex(F58535) contains.

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Color

Hex(F58535)

Conversions

Conversions Part 1

Format	Color
Hex	F58535
RGB	245, 133, 53
RGB Percent	96%, 52%, 21%
CMY	0.0392, 0.4784, 0.7922
CMYK	0.00, 0.46, 0.78, 0.04
HSL	25°, 91%, 58%
HSV	25°, 78%, 96%
XYZ	46.6863, 36.4446, 7.9420
YIQ	157.3680, 92.4320, -1.1360

Conversions

Conversions Part 2

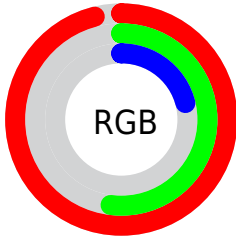
Format	Color
R_{YB}	245, 190, 53
Decimal	16090421
CIE _{Lab}	66.86, 37.36, 59.29
CIE _{LCh}	67, 70.082, 57.787
Yxy	36.4446, 0.5126, 0.4002
Android (android.graphics.Color)	4294280501 (0xFFFF58535)
YUV	157.3680, -51.4534, 76.8533
Hunter-Lab	60.3693, 32.3957, 34.4585

Details

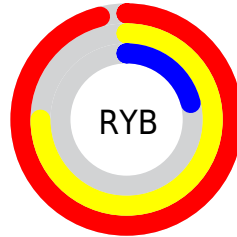
The Hex color **F58535** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **35A5F5**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFBB69**, and **B65100** is the 20% darker color. If you saturate the color by 10%, you get **F5771C**, and if you desaturate by 10%, it is **F5934E**.

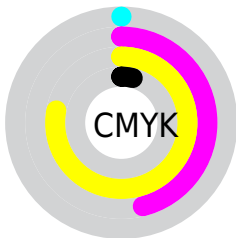
Distribution



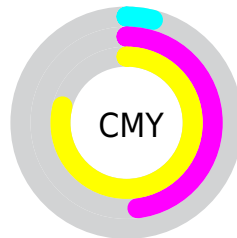
- Red (96%)
- Green (52%)
- Blue (21%)



- Red (96%)
- Yellow (75%)
- Blue (21%)



- Cyan (0%)
- Magenta (46%)
- Yellow (78%)
- Black (4%)



- Cyan (4%)
- Magenta (48%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color F58535 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 F58535 by changing the saturation by 10% instead.

 F58535

 F58535

FFFFFF

 D56B19

 FFBB69

 B65100

 FFD784

 983800

 FFF49F

 791F00

 FFFFBA

 5C0100

 FFFFD7

 3F0000

 FFFFF4

 250001

 000000

 F58535

 F58535

 F5771C

 F5934E

 F56804

 F5A266

 F56600

 F5B07F

 F5BE97

 F5CCB0

 F5DBC8

 F5E9E1

 F5F7F9

 F5FFFF

Harmonies

Analogous

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



FF6C6C



F58535



C69E03

Triad

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



F58535



00C09C



9894FF

Complementary

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



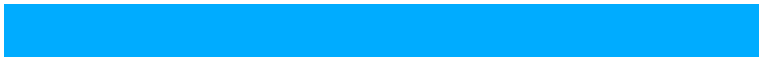
F58535



35A5F5

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.



00ACFF



F58535



00C0DC

Square

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



F58535



1BBB5B



00BAFF



EA77E7

Rectangle

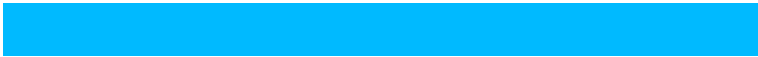
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F58535



9EAB10



00BAFF



6D9DFF

Sweetspot

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



F58535



FFDBC2



F535A5



806A5B



000000



808080

Same Dimension

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



F58535



FF730F



F5E535



7A736E



BA4E00



3B1800

Inverse Universe

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



35A5F5



0F9BFF



3545F5



6E757A



006DBA



00223B

Previews

White Background



This preview shows how the Hex color F58535 looks on a white background.

Color Contrast Check

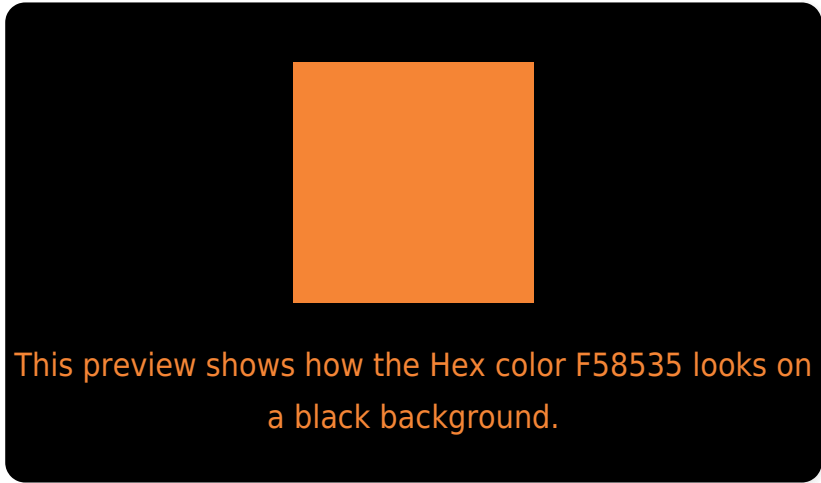
Large Text (above 18pt) WCAG AA × Fail

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 F58535 Background



This preview shows how black text looks on a background with the Hex color F58535.




This preview shows how white text looks on a background with the Hex color F58535.

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
F97D86

Trichromacy



Original Color
F58535

Protanomaly
CD983A

Deuteranomaly
DC9331

Tritanomaly
F88069

Monochromacy



Original Color
F58535

Achromatopsia
9D9D9D

Achromatomaly
BD9477

CSS Examples

Text

The CSS property to change the color of the text to Hex F58535 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 #F58535 looks like.

```
.text, #text, p{  
    color:#F58535  
}
```

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 #F58535 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F58535
}
```

Border

The CSS property to change the border of an element to Hex F58535 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
#F58535 }
```

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

```
.border{ border-color:#F58535 }
```

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

Here you see how a box with a 4 pixel #F58535 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F58535; -webkit-box-shadow:4px 4px  
4px 4px #F58535; box-shadow:4px 4px 4px  
4px #F58535 }
```

Background

The CSS property to change the background color of an element to Hex F58535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F58535 }
```

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

```
.background{ background-color:#F58535 }
```

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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