

Converting Colors

Hex(F48633)

Have a look what the booklet for
Hex(F48633) contains.

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Color

Hex(F48633)

Conversions

Conversions Part 1	
Format	Color
Hex	F48633
RGB	244, 134, 51
RGB Percent	96%, 53%, 20%
CMY	0.0431, 0.4745, 0.8000
CMYK	0.00, 0.45, 0.79, 0.04
HSL	26°, 90%, 58%
HSV	26°, 79%, 96%
XYZ	46.4309, 36.5223, 7.7343
YIQ	157.4280, 92.2030, -2.4930

Conversions

Conversions Part 2

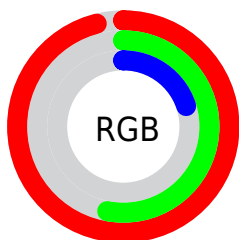
Format	Color
RYB	244, 197, 51
Decimal	16025139
CIELab	66.92, 36.38, 60.13
CIELCh	67, 70.282, 58.823
Yxy	36.5223, 0.5120, 0.4027
Android (android.graphics.Color)	4294215219 (0xFFFF48633)
YUV	157.4280, -52.4690, 75.9236
Hunter-Lab	60.4337, 31.3816, 34.7156

Details

The Hex color **F48633** 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 **33A1F4**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFBC67**, and **B55300** is the 20% darker color. If you saturate the color by 10%, you get **F4781B**, and if you desaturate by 10%, it is **F4944B**.

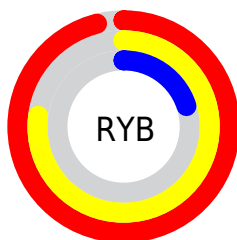
Distribution



Red (96%)

Green (53%)

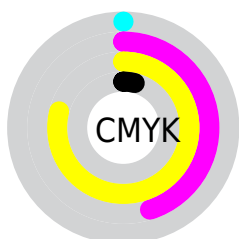
Blue (20%)



Red (96%)

Yellow (77%)

Blue (20%)

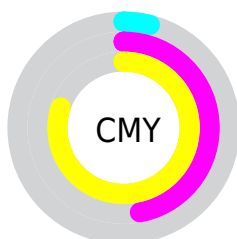


Cyan (0%)

Magenta (45%)

Yellow (79%)

Black (4%)



Cyan (4%)

Magenta (47%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color F48633 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 F48633 by changing the saturation by 10% instead.

 F48633

FFFFFF

 FFBC67

 FFD882

 FFF59D

 FFFFB9

 FFFFD5

 FFFFF2

 F48633

 D46C16

 B55300

 973A00

 782100

 5B0400

 3F0000

 250001

 000000

 F48633

 F48633

 F4781B

 F4944B

 F46A02

 F4A264

 F46900

 F4B07C

 F4BE95

 F4CCAD

 F4D9C5

 F4E7DE

 F4F5F6

 F4FFFF

Harmonies

Analogous

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



FF6C6A



F48633



C49F01

Triad

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



F48633



00C09E



9C93FF

Complementary

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



F48633



33A1F4

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.



00ABFF



F48633



00CODE

Square

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



F48633



0CBB5E



00BAFF



EC76E5

Rectangle

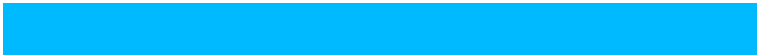
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F48633



9CAC11



00BAFF



729CFF

Sweetspot

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



F48633



FFDCC2



F433A4



806A5B



000000



808080

Same Dimension

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



F48633



FF750D



F4E433



7A736E



BA5000



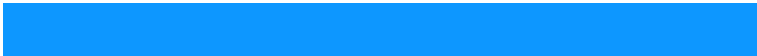
3B1900

Inverse Universe

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



33A1F4



0D97FF



3343F4



6E757A



006ABA



00213B

Previews

White Background



This preview shows how the Hex color F48633 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



This preview shows how the Hex color F48633 looks on a 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 F48633 Background



This preview shows how black text looks on a background with the Hex color F48633.



This preview shows how white text looks on a background with the Hex color F48633.

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
F48633

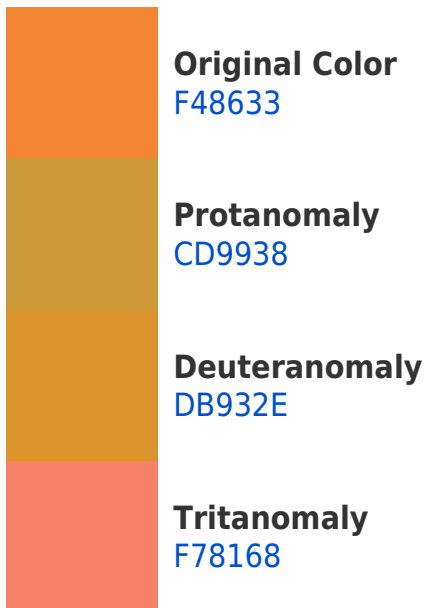
Protanopia
B6A43B

Deuteranopia
CD9B2B

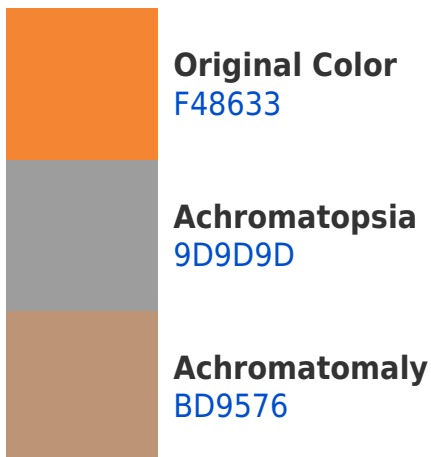


Tritanopia
F87E87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F48633 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 #F48633 looks like.

```
.text, #text, p{  
    color:#F48633  
}
```

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 #F48633 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F48633
}
```

Border

The CSS property to change the border of an element to Hex F48633 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
#F48633 }
```

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

```
.border{ border-color:#F48633 }
```

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

Here you see how a box with a 4 pixel #F48633 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F48633; -webkit-box-shadow:4px 4px  
4px 4px #F48633; box-shadow:4px 4px 4px  
4px #F48633 }
```

Background

The CSS property to change the background color of an element to Hex F48633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F48633 }
```

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

```
.background{ background-color:#F48633 }
```

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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