

# Converting Colors

Hex(F48C4F)

Have a look what the booklet for  
Hex(F48C4F) contains.

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# **Color**

**Hex(F48C4F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F48C4F
RGB	244, 140, 79
RGB Percent	96%, 55%, 31%
CMY	0.0431, 0.4510, 0.6902
CMYK	0.00, 0.43, 0.68, 0.04
HSL	22°, 88%, 63%
HSV	22°, 68%, 96%
XYZ	48.0976, 38.5538, 12.3037
YIQ	164.1420, 81.5650, 3.0770

# Conversions

## Conversions Part 2

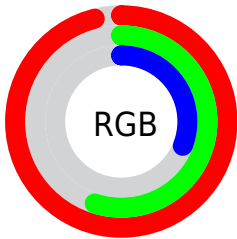
Format	Color
R <sub>Y</sub> B	244, 176, 79
Decimal	16026703
CIE Lab	68.43, 34.53, 48.87
CIE LCh	68, 59.841, 54.755
Yxy	38.5538, 0.4861, 0.3896
Android (android.graphics.Color)	4294216783 (0xFFFF48C4F)
YUV	164.1420, -41.9750, 70.0355
Hunter-Lab	62.0917, 29.6096, 31.7156

# Details

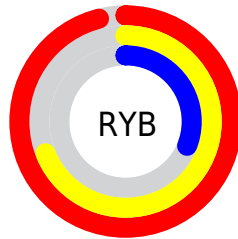
The Hex color **F48C4F** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **4FB7F4**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFC282**, and **B6581D** is the 20% darker color. If you saturate the color by 10%, you get **F47D37**, and if you desaturate by 10%, it is **F49B67**.

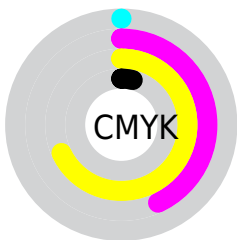
# Distribution



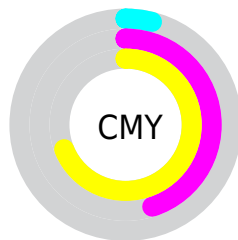
- Red (96%)
- Green (55%)
- Blue (31%)



- Red (96%)
- Yellow (69%)
- Blue (31%)



- Cyan (0%)
- Magenta (43%)
- Yellow (68%)
- Black (4%)



- Cyan (4%)
- Magenta (45%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F48C4F 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 F48C4F by changing the saturation by 10% instead.



 F48C4F

 F48C4F

FFFFFF

 D57236

 FFC282

 B6581D

 FFDF9D

 984001

 FFFCB8

 7B2700

 FFFFD4

 5D0D00

 FFFFF1

 410000

 290001

 000000

 F48C4F

 F48C4F

 F47D37

 F49B67

 F46D1E

 F4AB80

 F45E06

 F4BA98

 F45A00

 F4CAB1

 F4D9C9

 F4E8E1

 F4F8FA

 F4FFFF

# Harmonies

## Analogous

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



FF7A7D



F48C4F



CCA134

# Triad

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



F48C4F



00C19B



989CFF

# Complementary

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



F48C4F



4FB7F4

# 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.



00B0FF



F48C4F



00C1D3

# Square

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



F48C4F



52BC66



00BCFE



E086E6

# Rectangle

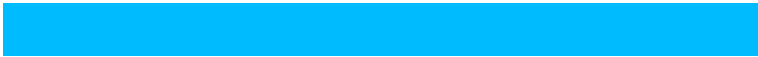
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F48C4F



ABAC36



00BCFE



75A4FF



# Sweetspot

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



F48C4F



FFDFCC



F44FB7



806C61



000000



808080



# Same Dimension

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



F48C4F



FF7D30



F4DE4F



7A736E



BA4500



3B1600



# Inverse Universe

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



4FB7F4



30B3FF



4F65F4



6E767A



0075BA



00253B



# Previews

## White Background



This preview shows how the Hex color F48C4F looks on a white background.

## Color Contrast Check

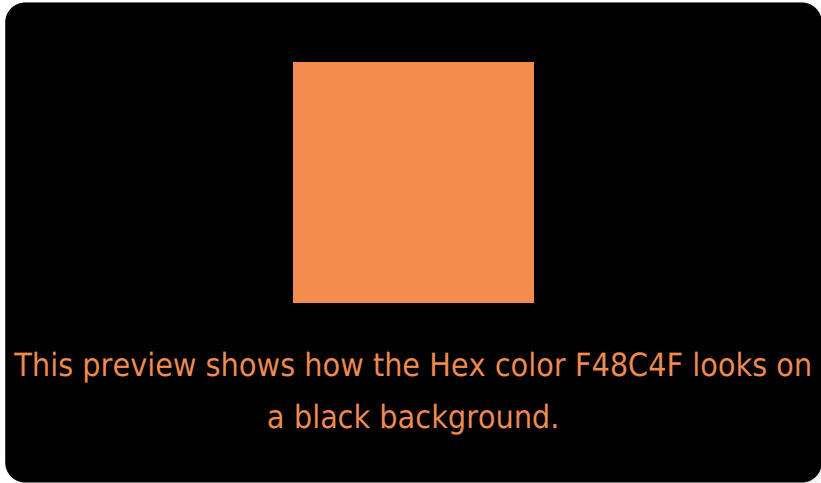
Large Text (above 18pt) WCAG AA × Fail

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 F48C4F Background



This preview shows how black text looks on a background with the Hex color F48C4F.



This preview shows how white text looks on a background with the Hex color F48C4F.

# 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**  
F48C4F

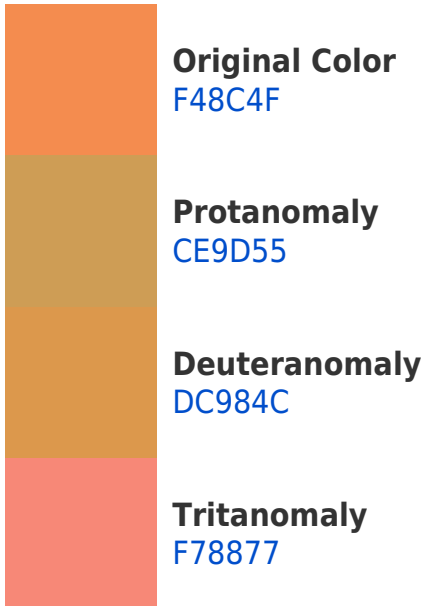
**Protanopia**  
B8A758

**Deuteranopia**  
CF9F4A

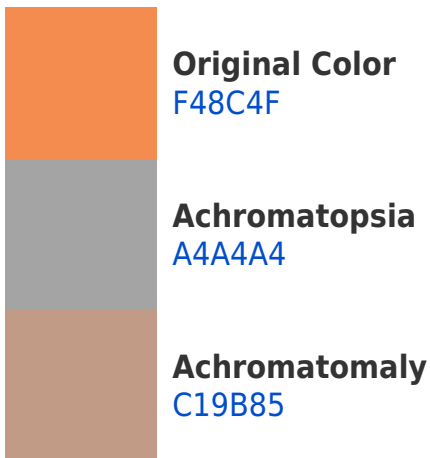


**Tritanopia**  
F8858E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F48C4F 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 #F48C4F looks like.

```
.text, #text, p{  
    color:#F48C4F  
}
```

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 #F48C4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F48C4F
}
```

## Border

The CSS property to change the border of an element to Hex F48C4F 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
#F48C4F }
```

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

```
.border{ border-color:#F48C4F }
```

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

Here you see how a box with a 4 pixel #F48C4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F48C4F; -webkit-box-shadow:4px 4px  
4px 4px #F48C4F; box-shadow:4px 4px 4px  
4px #F48C4F }
```

# Background

The CSS property to change the background color of an element to Hex F48C4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F48C4F }
```

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

```
.background{ background-color:#F48C4F }
```

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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