

# Converting Colors

Hex(F48165)

Have a look what the booklet for  
Hex(F48165) contains.

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**Color**

**Hex(F48165)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F48165
RGB	244, 129, 101
RGB Percent	96%, 51%, 40%
CMY	0.0431, 0.4941, 0.6039
CMYK	0.00, 0.47, 0.59, 0.04
HSL	12°, 87%, 68%
HSV	12°, 59%, 96%
XYZ	47.5074, 35.8732, 16.7322
YIQ	160.1930, 77.5280, 15.6720

# Conversions

## Conversions Part 2

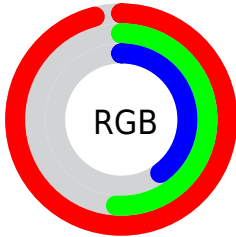
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 136, 101
Decimal	16023909
CIE <sub>Lab</sub>	66.42, 41.53, 34.98
CIE <sub>LCh</sub>	66, 54.304, 40.106
Yxy	35.8732, 0.4745, 0.3583
Android (android.graphics.Color)	4294213989 (0xFFFF48165)
YUV	160.1930, -29.1821, 73.4987
Hunter-Lab	59.8942, 36.7693, 25.3625

# Details

The Hex color **F48165** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **65D8F4**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFB898**, and **B74D35** is the 20% darker color. If you saturate the color by 10%, you get **F46D4D**, and if you desaturate by 10%, it is **F4957D**.

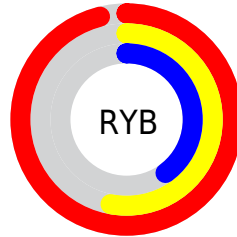
# Distribution



Red (96%)

Green (51%)

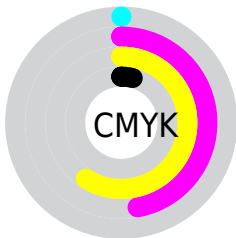
Blue (40%)



Red (96%)

Yellow (53%)

Blue (40%)

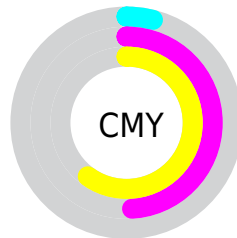


Cyan (0%)

Magenta (47%)

Yellow (59%)

Black (4%)



Cyan (4%)

Magenta (49%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F48165 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 F48165 by changing the saturation by 10% instead.



 F48165

 F48165

FFFFFF

 D5674D

 FFB898

 B74D35

 FFD4B3

 99331F

 FFF1CF

 7B1709

 FFFFEB

 5F0000

 420000

 270001

 000000

 F48165

 F48165

 F46D4D

 F4957D

 F45A34

 F4A896

 F4461C

 F4BCAE

 F43303

 F4CFC7

 F43000

 F4E3DF

 F4F7F7

 F4FFFF

# Harmonies

## Analogous

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



FC7793



F48165



D89344

# Triad

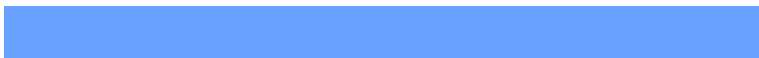
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F48165



1FB77F



68A1FF

# Complementary

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



F48165



65D8F4

# 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.



00B0FD



F48165



00BAB1

# Square

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



F48165



78B053



00B8DF



BA8EED

# Rectangle

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



F48165



BD9F3B



00B8DF



39A7FF



# Sweetspot

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



F48165



FFDAD1



F465DA



806963



000000



808080



# Same Dimension

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



F48165



FF6F4D



F4C765



7A716E



BA2400



3B0B00



# Inverse Universe

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



65D8F4



4DDCFF



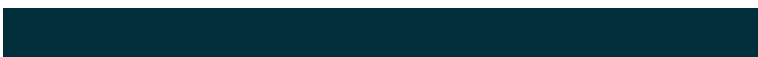
6592F4



6E787A



0096BA



002F3B



# Previews

## White Background



This preview shows how the Hex color F48165 looks on a white background.

## Color Contrast Check

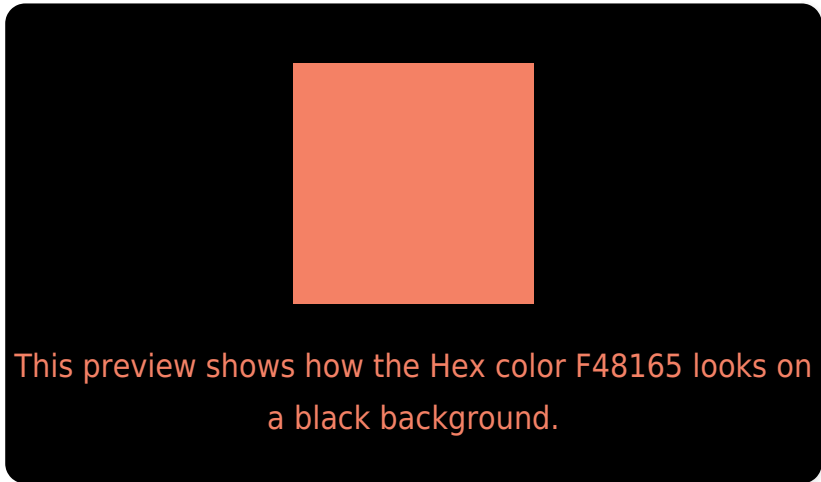
Large Text (above 18pt) WCAG AA × Fail

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 F48165 Background



This preview shows how black text looks on a background with the Hex color F48165.

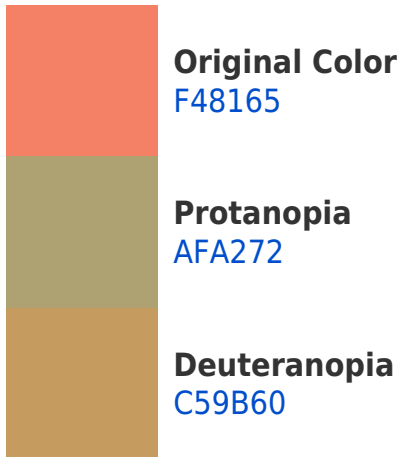


This preview shows how white text looks on a background with the Hex color F48165.

# 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**  
F67D85

# Trichromacy



**Original Color**  
F48165

**Protanomaly**  
C8966D

**Deuteranomaly**  
D69262

**Tritanomaly**  
F57E79

# Monochromacy



**Original Color**  
F48165

**Achromatopsia**  
A0A0A0

**Achromatomaly**  
BF958B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F48165 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 #F48165 looks like.

```
.text, #text, p{  
    color:#F48165  
}
```

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 #F48165 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F48165
}
```

## Border

The CSS property to change the border of an element to Hex F48165 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
#F48165 }
```

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

```
.border{ border-color:#F48165 }
```

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

Here you see how a box with a 4 pixel #F48165 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F48165; -webkit-box-shadow:4px 4px  
4px 4px #F48165; box-shadow:4px 4px 4px  
4px #F48165 }
```

# Background

The CSS property to change the background color of an element to Hex F48165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F48165 }
```

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

```
.background{ background-color:#F48165 }
```

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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