

# Converting Colors

Hex(F48B65)

Have a look what the booklet for  
Hex(F48B65) contains.

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**Color**

**Hex(F48B65)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F48B65
RGB	244, 139, 101
RGB Percent	96%, 55%, 40%
CMY	0.0431, 0.4549, 0.6039
CMYK	0.00, 0.43, 0.59, 0.04
HSL	16°, 87%, 68%
HSV	16°, 59%, 96%
XYZ	48.8898, 38.6379, 17.1930
YIQ	166.0630, 74.7780, 10.4420

# Conversions

## Conversions Part 2

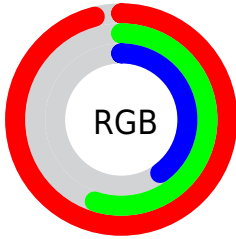
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	244, 153, 101
Decimal	16026469
CIE <sub>Lab</sub>	68.49, 36.44, 37.57
CIE <sub>LCh</sub>	68, 52.341, 45.870
Yxy	38.6379, 0.4669, 0.3690
Android (android.graphics.Color)	4294216549 (0xFFFF48B65)
YUV	166.0630, -32.0761, 68.3507
Hunter-Lab	62.1594, 31.6154, 27.1122

# Details

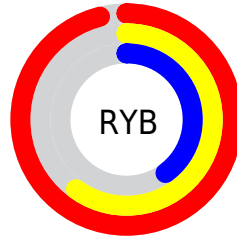
The Hex color **F48B65** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **65CEF4**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFC299**, and **B75735** is the 20% darker color. If you saturate the color by 10%, you get **F4794D**, and if you desaturate by 10%, it is **F49D7D**.

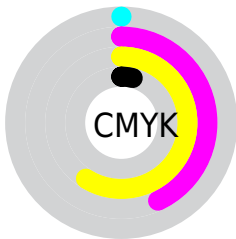
# Distribution



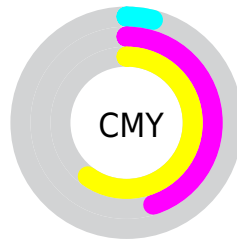
- Red (96%)
- Green (55%)
- Blue (40%)



- Red (96%)
- Yellow (60%)
- Blue (40%)



- Cyan (0%)
- Magenta (43%)
- Yellow (59%)
- Black (4%)



- Cyan (4%)
- Magenta (45%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F48B65 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 F48B65 by changing the saturation by 10% instead.



 F48B65

 F48B65

FFFFFF

 D5714D

 FFC299

 B75735

 FFDEB4

 993E1E

 FFFBCF

 7C2507

 FFFFEC

 600800

 430000

 2B0001

 000000

 F48B65

 F48B65

 F4794D

 F49D7D

 F46734

 F4AF96

 F4551C

 F4C1AE

 F44303

 F4D3C7

 F44100

 F4E5DF

 F4F6F7

 F4FFFF

# Harmonies

## Analogous

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



FF7F90



F48B65



D59D49

# Triad

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



F48B65



11BD8E



84A3FF

# Complementary

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



F48B65



65CEF4

# 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.



00B2FF



F48B65



00BFBF

# Square

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



F48B65



74B762



00BCEA



CA91E9

# Rectangle

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



F48B65



BAA845



00BCEA



63A9FF



# Sweetspot

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



F48B65



FFDDD1



F465D0



806B63



000000



808080



# Same Dimension

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



F48B65



FF7C4D



F4D065



7A716E



BA3100



3B1000



# Inverse Universe

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



65CEF4



4DD0FF



6589F4



6E777A



0089BA



002B3B



# Previews

## White Background



This preview shows how the Hex color F48B65 looks on a white background.

## Color Contrast Check

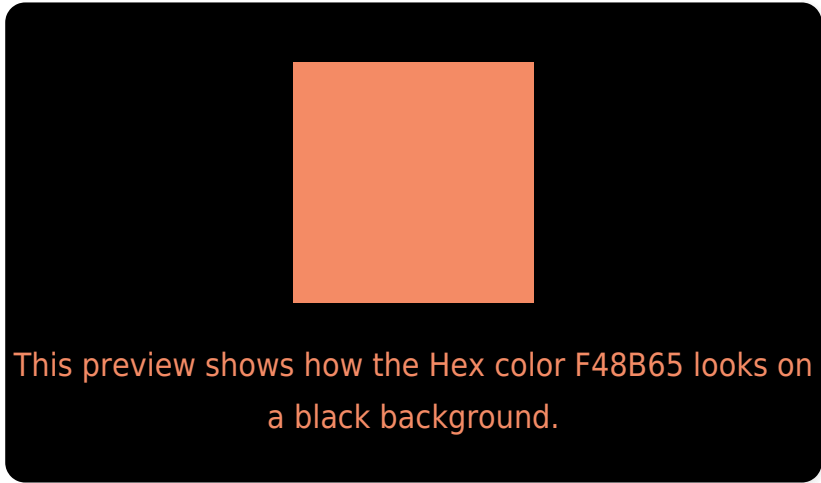
Large Text (above 18pt) WCAG AA × Fail

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 F48B65 Background



This preview shows how black text looks on a background with the Hex color F48B65.

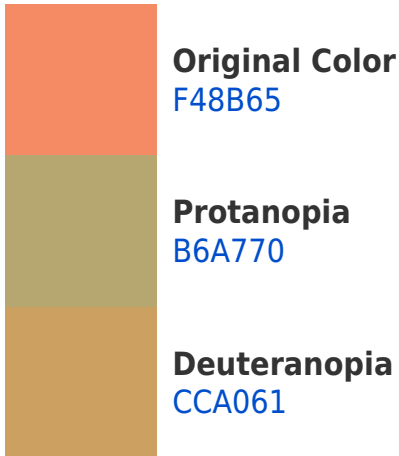



This preview shows how white text looks on a background with the Hex color F48B65.

# 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**  
F7858F

# Trichromacy



**Original Color**  
F48B65

**Protanomaly**  
CD9D6C

**Deuteranomaly**  
DB9862

**Tritanomaly**  
F68780

# Monochromacy



**Original Color**  
F48B65

**Achromatopsia**  
A6A6A6

**Achromatomaly**  
C29C8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F48B65 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 #F48B65 looks like.

```
.text, #text, p{  
    color:#F48B65  
}
```

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 #F48B65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F48B65
}
```

## Border

The CSS property to change the border of an element to Hex F48B65 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
#F48B65 }
```

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

```
.border{ border-color:#F48B65 }
```

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

Here you see how a box with a 4 pixel #F48B65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F48B65; -webkit-box-shadow:4px 4px  
4px 4px #F48B65; box-shadow:4px 4px 4px  
4px #F48B65 }
```

# Background

The CSS property to change the background color of an element to Hex F48B65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F48B65 }
```

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

```
.background{ background-color:#F48B65 }
```

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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