

# Converting Colors

Hex(F78A57)

Have a look what the booklet for  
Hex(F78A57) contains.

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**Color**

**Hex(F78A57)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F78A57
RGB	247, 138, 87
RGB Percent	97%, 54%, 34%
CMY	0.0314, 0.4588, 0.6588
CMYK	0.00, 0.44, 0.65, 0.03
HSL	19°, 91%, 65%
HSV	19°, 65%, 97%
XYZ	49.1666, 38.6392, 13.8836
YIQ	164.7770, 81.3350, 7.2470

# Conversions

## Conversions Part 2

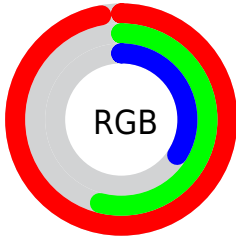
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 162, 87
Decimal	16222807
CIE <sub>Lab</sub>	68.49, 37.19, 45.01
CIE <sub>LCh</sub>	68, 58.387, 50.428
Yxy	38.6392, 0.4835, 0.3800
Android (android.graphics.Color)	4294412887 (0xFFFF78A57)
YUV	164.7770, -38.3441, 72.1096
Hunter-Lab	62.1605, 32.4059, 30.2699

# Details

The Hex color **F78A57** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **57C4F7**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFC18A**, and **B95627** is the 20% darker color. If you saturate the color by 10%, you get **F7793E**, and if you desaturate by 10%, it is **F79B70**.

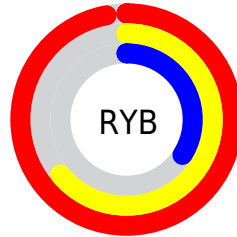
# Distribution



Red (97%)

Green (54%)

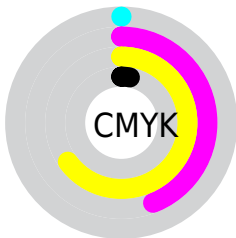
Blue (34%)



Red (97%)

Yellow (64%)

Blue (34%)

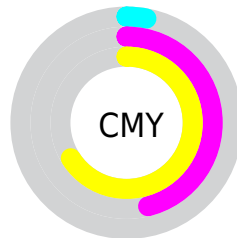


Cyan (0%)

Magenta (44%)

Yellow (65%)

Black (3%)



Cyan (3%)

Magenta (46%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F78A57 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 F78A57 by changing the saturation by 10% instead.



 F78A57

 F78A57

FFFFFF

 D8703F

 FFC18A

 B95627

 FFDDA5

 9B3D0E

 FFFAC0

 7E2400

 FFFFDD

 600700

 FFFFF9

 440000

 2B0001

 000000

 F78A57

 F78A57

 F7793E

 F79B70

 F76826

 F7AC88

 F7580D

 F7BCA1

 F74F00

 F7CDBA

 F7DED3

 F7EFEB

 F7FFFF

# Harmonies

## Analogous

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



FF7A85



F78A57



D29E3A

# Triad

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



F78A57



00C094



8CA0FF

# Complementary

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



F78A57



57C4F7

# 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



F78A57



00C1CA

# Square

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



F78A57



61BA61



00BDF7



D78AEB

# Rectangle

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



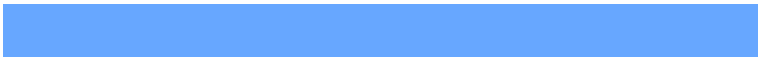
F78A57



B3AA37



00BDF7



67A7FF



# Sweetspot

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



F78A57



FFDECF



F757C4



806C62



000000



808080



# Same Dimension

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



F78A57



FF7738



F7DA57



7A726E



BA3B00



3B1300



# Inverse Universe

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



57C4F7



38C0FF



5774F7



6E767A



007FBA



00283B



# Previews

## White Background



This preview shows how the Hex color F78A57 looks on a white background.

## Color Contrast Check

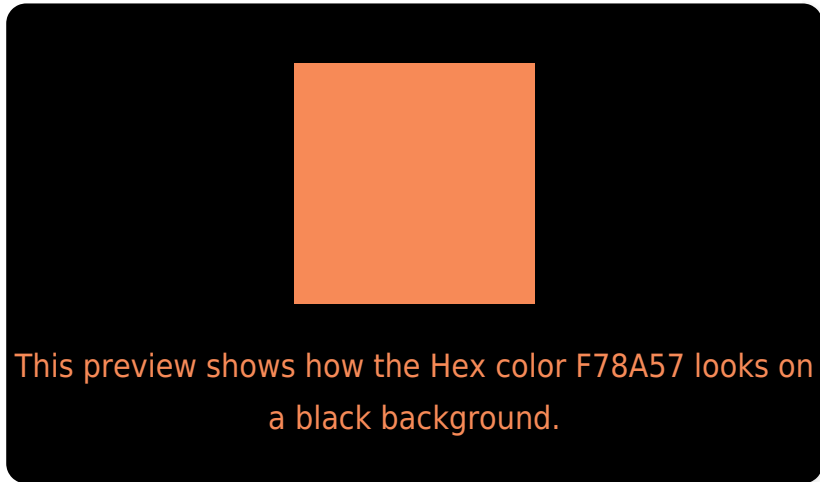
Large Text (above 18pt) WCAG AA × Fail

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 F78A57 Background



This preview shows how black text looks on a background with the Hex color F78A57.



This preview shows how white text looks on a background with the Hex color F78A57.

# 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**  
F78A57

**Protanopia**  
B8A861

**Deuteranopia**  
CE9F52



**Tritanopia**  
FA838D

# Trichromacy



**Original Color**  
F78A57

**Protanomaly**  
CF9D5D

**Deuteranomaly**  
DD9754

**Tritanomaly**  
F98679

# Monochromacy



**Original Color**  
F78A57

**Achromatopsia**  
A5A5A5

**Achromatomaly**  
C39B89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F78A57 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 #F78A57 looks like.

```
.text, #text, p{  
    color:#F78A57  
}
```

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 #F78A57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F78A57
}
```

## Border

The CSS property to change the border of an element to Hex F78A57 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
#F78A57 }
```

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

```
.border{ border-color:#F78A57 }
```

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

Here you see how a box with a 4 pixel #F78A57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F78A57; -webkit-box-shadow:4px 4px  
4px 4px #F78A57; box-shadow:4px 4px 4px  
4px #F78A57 }
```

# Background

The CSS property to change the background color of an element to Hex F78A57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F78A57 }
```

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

```
.background{ background-color:#F78A57 }
```

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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