

Converting Colors

Hex(F78F59)

Have a look what the booklet for
Hex(F78F59) contains.

Hex(F78F59)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F78F59)

Conversions

Conversions Part 1

Format	Color
Hex	F78F59
RGB	247, 143, 89
RGB Percent	97%, 56%, 35%
CMY	0.0314, 0.4392, 0.6510
CMYK	0.00, 0.42, 0.64, 0.03
HSL	21°, 91%, 66%
HSV	21°, 64%, 97%
XYZ	49.9834, 40.1403, 14.5646
YIQ	167.9400, 79.3180, 5.2540

Conversions

Conversions Part 2

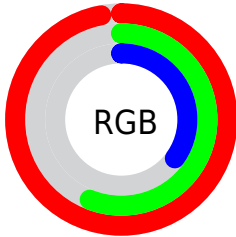
Format	Color
RYB	247, 171, 89
Decimal	16224089
CIELab	69.57, 34.75, 45.25
CIELCh	70, 57.052, 52.477
Yxy	40.1403, 0.4774, 0.3834
Android (android.graphics.Color)	4294414169 (0xFF78F59)
YUV	167.9400, -38.9174, 69.3356
Hunter-Lab	63.3564, 29.9493, 30.7196

Details

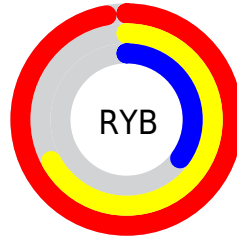
The Hex color **F78F59** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **59C1F7**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFC68C**, and **BA5B28** is the 20% darker color. If you saturate the color by 10%, you get **F77F40**, and if you desaturate by 10%, it is **F79F72**.

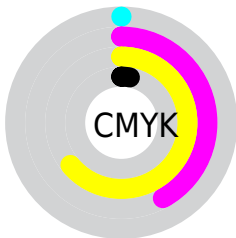
Distribution



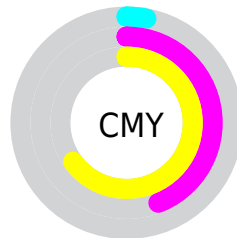
- Red (97%)
- Green (56%)
- Blue (35%)



- Red (97%)
- Yellow (67%)
- Blue (35%)



- Cyan (0%)
- Magenta (42%)
- Yellow (64%)
- Black (3%)



- Cyan (3%)
- Magenta (44%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color F78F59 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 F78F59 by changing the saturation by 10% instead.

 F78F59

 F78F59

FFFFFF

 D87540

 FFC68C

 BA5B28

 FFE2A7

 9C420F

 FFFFC3

 7E2A00

 FFFFDF

 611000

 FFFFFC

 440000

 2D0001

 000000

 F78F59

 F78F59

 F77F40

 F79F72

 F76E28

 F7B08A

 F75E0F

 F7C0A3

 F75400

 F7D0BC

 F7E0D4

 F7F1ED

 F7FFFF

Harmonies

Analogous

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



FF7F85



F78F59



D2A33F

Triad

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



F78F59



00C39B



96A2FF

Complementary

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



F78F59



59C1F7

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.



00B3FF



F78F59



00C3D0

Square

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



F78F59



61BD68



00BFFB



DD8CEA

Rectangle

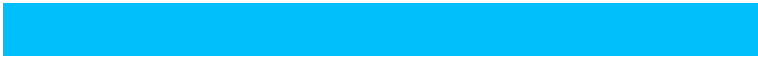
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F78F59



B2AE3E



00BFFB



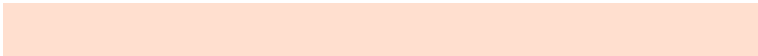
75A8FF

Sweetspot

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



F78F59



FFDFCF



F759C2



806C62



000000



808080

Same Dimension

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



F78F59



FF7E3B



F7DD59



7A726E



BA4000



3B1400

Inverse Universe

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



59C1F7



3BBCFF



5973F7



6E767A



007BBA



00273B

Previews

White Background



This preview shows how the Hex color F78F59 looks on a white background.

Color Contrast Check

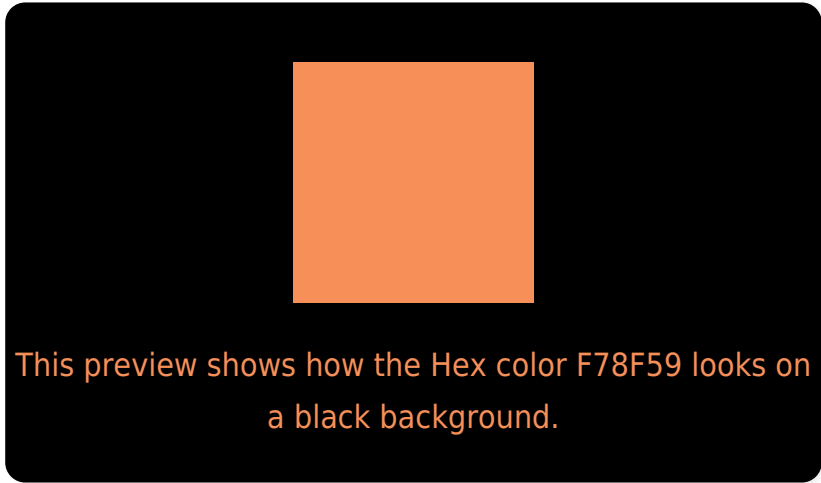
Large Text (above 18pt) WCAG AA × Fail

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 F78F59 Background



This preview shows how black text looks on a background with the Hex color F78F59.



This preview shows how white text looks on a background with the Hex color F78F59.

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
F78F59

Protanopia
BBAA63

Deuteranopia
D2A255



Tritanopia
FB8892

Trichromacy



Original Color
F78F59

Protanomaly
D1A05F

Deuteranomaly
DF9B56

Tritanomaly
FA8B7D

Monochromacy



Original Color
F78F59

Achromatopsia
A8A8A8

Achromatomaly
C59F8B

CSS Examples

Text

The CSS property to change the color of the text to Hex F78F59 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 #F78F59 looks like.

```
.text, #text, p{  
    color:#F78F59  
}
```

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 #F78F59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F78F59
}
```

Border

The CSS property to change the border of an element to Hex F78F59 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
#F78F59 }
```

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

```
.border{ border-color:#F78F59 }
```

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

Here you see how a box with a 4 pixel #F78F59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F78F59; -webkit-box-shadow:4px 4px  
4px 4px #F78F59; box-shadow:4px 4px 4px  
4px #F78F59 }
```

Background

The CSS property to change the background color of an element to Hex F78F59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F78F59 }
```

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

```
.background{ background-color:#F78F59 }
```

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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