

# Converting Colors

Hex(F67F5F)

Have a look what the booklet for  
Hex(F67F5F) contains.

<b>Hex(F67F5F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(F67F5F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F67F5F
RGB	246, 127, 95
RGB Percent	96%, 50%, 37%
CMY	0.0353, 0.5020, 0.6275
CMYK	0.00, 0.48, 0.61, 0.04
HSL	13°, 89%, 67%
HSV	13°, 61%, 96%
XYZ	47.6610, 35.5978, 15.1855
YIQ	158.9330, 81.1960, 15.2760

# Conversions

## Conversions Part 2

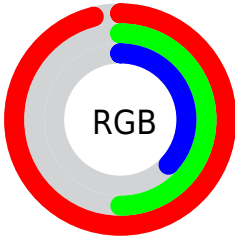
Format	Color
R <sub>Y</sub> B	246, 136, 95
Decimal	16154463
CIE Lab	66.21, 42.87, 38.03
CIE LCh	66, 57.307, 41.571
Yxy	35.5978, 0.4841, 0.3616
Android (android.graphics.Color)	4294344543 (0xFFFF67F5F)
YUV	158.9330, -31.5190, 76.3578
Hunter-Lab	59.6639, 38.1783, 26.6744

# Details

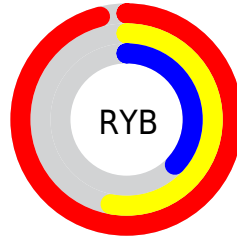
The Hex color **F67F5F** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **5FD6F6**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFB692**, and **B84B30** is the 20% darker color. If you saturate the color by 10%, you get **F66C46**, and if you desaturate by 10%, it is **F69278**.

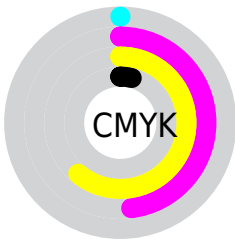
# Distribution



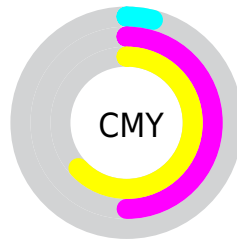
- Red (96%)
- Green (50%)
- Blue (37%)



- Red (96%)
- Yellow (53%)
- Blue (37%)



- Cyan (0%)
- Magenta (48%)
- Yellow (61%)
- Black (4%)



- Cyan (4%)
- Magenta (50%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F67F5F 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 F67F5F by changing the saturation by 10% instead.



 F67F5F

 F67F5F

FFFFFF

 D76547

 FFB692

 B84B30

 FFD2AD

 9A3119

 FFEFC8

 7D1401

 FFFF E5

 5F0000

 420000

 280001

 000000

 F67F5F

 F67F5F

 F66C46

 F69278

 F6582E

 F6A690

 F64515

 F6B9A9

 F63400

 F6CDC1

 F6E0DA

 F6F3F3

 F6FFFF

# Harmonies

## Analogous

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



FF738F



F67F5F



D7933C

# Triad

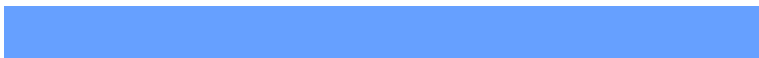
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F67F5F



00B87F



66A0FF

# Complementary

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



F67F5F



5FD6F6

# 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.



00AFFF



F67F5F



00BAB4

# Square

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



F67F5F



72B150



00B8E4



BE8BEE

# Rectangle

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



F67F5F



BA9F33



00B8E4



2FA6FF

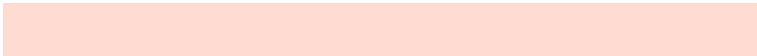


# Sweetspot

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



F67F5F



FFDBD1



F65FD8



806963



000000



808080



# Same Dimension

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



F67F5F



FF6A42



F6C95F



7A716E



BA2700



3B0C00



# Inverse Universe

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



5FD6F6



42D7FF



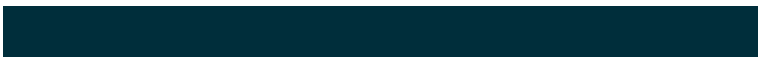
5F8CF6



6E787A



0093BA



002E3B



# Previews

## White Background



This preview shows how the Hex color F67F5F looks on a white background.

## Color Contrast Check

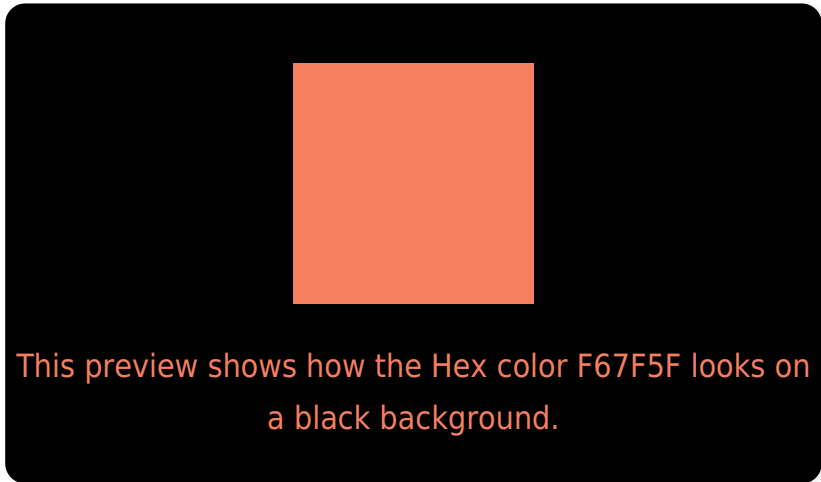
Large Text (above 18pt) WCAG AA × Fail

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 F67F5F Background



This preview shows how black text looks on a background with the Hex color F67F5F.

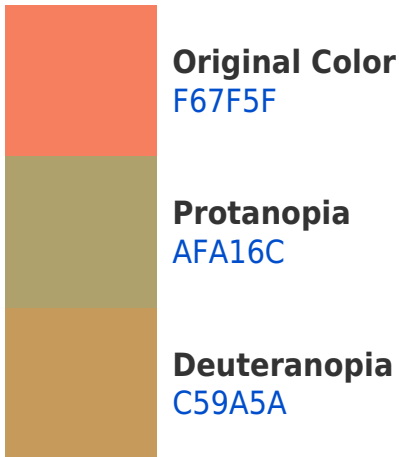



This preview shows how white text looks on a background with the Hex color F67F5F.

# 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**  
F87A83

# Trichromacy



**Original Color**  
F67F5F



**Protanomaly**  
C99567



**Deuteranomaly**  
D7905C



**Tritanomaly**  
F77C76

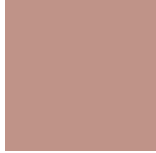
# Monochromacy



**Original Color**  
F67F5F



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
BF9388

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F67F5F 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 #F67F5F looks like.

```
.text, #text, p{  
    color:#F67F5F  
}
```

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 #F67F5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F67F5F
}
```

## Border

The CSS property to change the border of an element to Hex F67F5F 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
#F67F5F }
```

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

```
.border{ border-color:#F67F5F }
```

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

Here you see how a box with a 4 pixel #F67F5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F67F5F; -webkit-box-shadow:4px 4px  
4px 4px #F67F5F; box-shadow:4px 4px 4px  
4px #F67F5F }
```

# Background

The CSS property to change the background color of an element to Hex F67F5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F67F5F }
```

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

```
.background{ background-color:#F67F5F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor