

# Converting Colors

Hex(F6814F)

Have a look what the booklet for  
Hex(F6814F) contains.

<b>Hex(F6814F)</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(F6814F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F6814F
RGB	246, 129, 79
RGB Percent	96%, 51%, 31%
CMY	0.0353, 0.4941, 0.6902
CMYK	0.00, 0.48, 0.68, 0.04
HSL	18°, 90%, 64%
HSV	18°, 68%, 96%
XYZ	47.2676, 35.8579, 11.8271
YIQ	158.2830, 85.7820, 9.2540

# Conversions

## Conversions Part 2

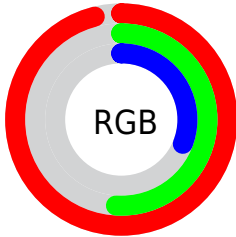
Format	Color
<b>RYB</b>	246, 150, 79
Decimal	16154959
CIELab	66.41, 40.92, 46.66
CIElCh	66, 62.060, 48.754
Yxy	35.8579, 0.4978, 0.3776
Android (android.graphics.Color)	4294345039 (0xFFFF6814F)
YUV	158.2830, -39.0865, 76.9278
Hunter-Lab	59.8814, 36.1070, 30.2067

# Details

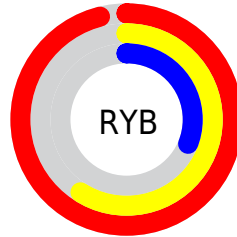
The Hex color **F6814F** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **4FC4F6**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFB782**, and **B84D1F** is the 20% darker color. If you saturate the color by 10%, you get **F67036**, and if you desaturate by 10%, it is **F69268**.

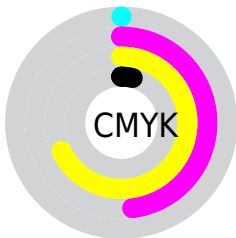
# Distribution



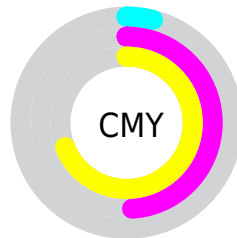
- Red (96%)
- Green (51%)
- Blue (31%)



- Red (96%)
- Yellow (59%)
- Blue (31%)



- Cyan (0%)
- Magenta (48%)
- Yellow (68%)
- Black (4%)



- Cyan (4%)
- Magenta (49%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F6814F 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 F6814F by changing the saturation by 10% instead.



 F6814F

 F6814F

FFFFFF

 D76737

 FFB782

 B84D1F

 FFD49C

 993304

 FFF0B8

 7C1800

 FFFFD4

 5E0000

 FFFFF0

 410000

 270001

 000000

 F6814F

 F6814F

 F67036

 F69268

 F65F1E

 F6A380

 F64D05

 F6B599

 F64A00

 F6C6B1

 F6D7CA

 F6E8E3

 F6FAFB

 F6FFFF

# Harmonies

## Analogous

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



FF6F81



F6814F



D0972C

# Triad

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



F6814F



00BB8A



7C9BFF

# Complementary

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



F6814F



4FC4F6

# 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.



00AEFF



F6814F



00BCC4

# Square

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



F6814F



5AB554



00B8F4



D084EC

# Rectangle

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



F6814F



B0A427



00B8F4



4CA2FF



# Sweetspot

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



F6814F



FFDBCC



F64FC7



806A61



000000



808080



# Same Dimension

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



F6814F



FF6E30



F6D24F



7A726E



BA3800



3B1200



# Inverse Universe

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



4FC4F6



30C1FF



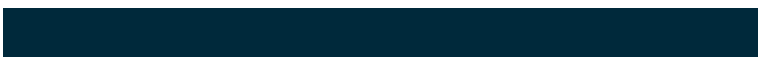
4F73F6



6E777A



0082BA



00293B



# Previews

## White Background



This preview shows how the Hex color F6814F looks on a white background.

## Color Contrast Check

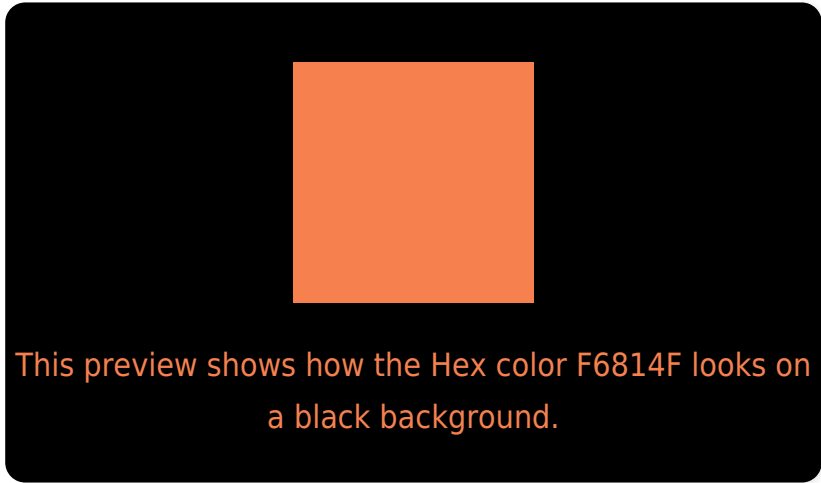
Large Text (above 18pt) WCAG AA × Fail

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 F6814F Background



This preview shows how black text looks on a background with the Hex color F6814F.

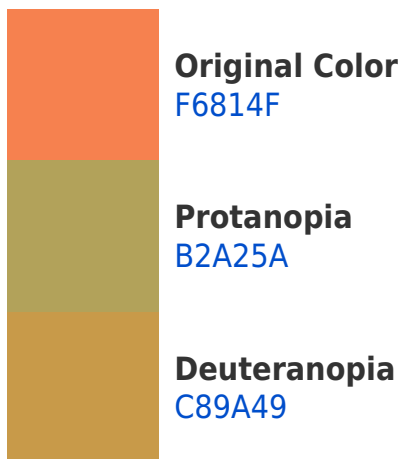


This preview shows how white text looks on a background with the Hex color F6814F.

# 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](#).

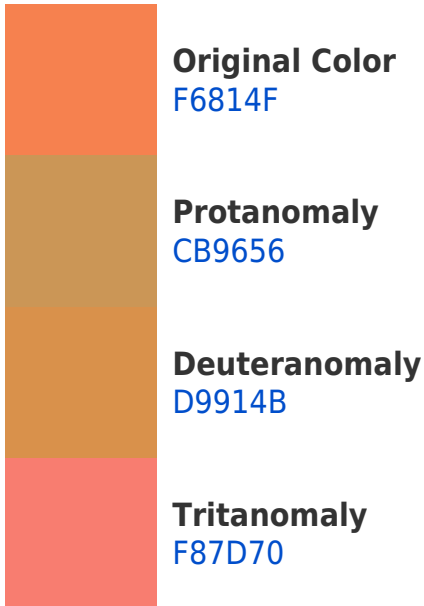
## Dichromacy



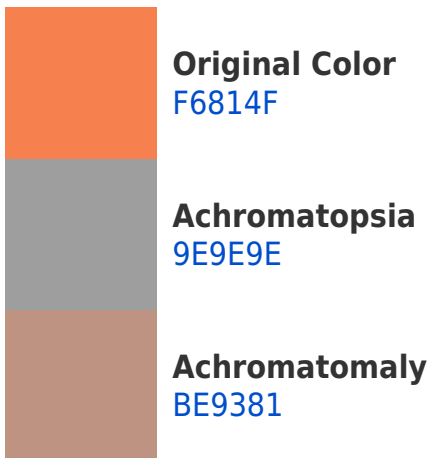


**Tritanopia**  
F97B83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F6814F 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 #F6814F looks like.

```
.text, #text, p{  
    color:#F6814F  
}
```

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 #F6814F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6814F
}
```

## Border

The CSS property to change the border of an element to Hex F6814F 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
#F6814F }
```

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

```
.border{ border-color:#F6814F }
```

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

Here you see how a box with a 4 pixel #F6814F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6814F; -webkit-box-shadow:4px 4px  
4px 4px #F6814F; box-shadow:4px 4px 4px  
4px #F6814F }
```

# Background

The CSS property to change the background color of an element to Hex F6814F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6814F }
```

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

```
.background{ background-color:#F6814F }
```

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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