

# Converting Colors

Hex(FF864F)

Have a look what the booklet for  
Hex(FF864F) contains.

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**Color**

**Hex(F864F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF864F
RGB	255, 134, 79
RGB Percent	100%, 53%, 31%
CMY	0.0000, 0.4745, 0.6902
CMYK	0.00, 0.47, 0.69, 0.00
HSL	19°, 100%, 65%
HSV	19°, 69%, 100%
XYZ	51.1764, 38.8747, 12.2034
YIQ	163.9090, 89.7710, 8.5470

# Conversions

## Conversions Part 2

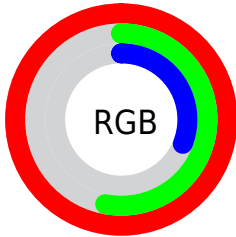
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 159, 79
Decimal	16746063
CIELab	68.66, 41.85, 49.54
CIELCh	69, 64.851, 49.807
Yxy	38.8747, 0.5005, 0.3802
Android (android.graphics.Color)	4294936143 (0xFFFF864F)
YUV	163.9090, -41.8601, 79.8868
Hunter-Lab	62.3496, 37.4006, 32.0401

# Details

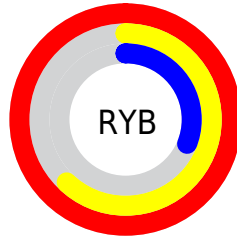
The Hex color **FF864F** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **4FC8FF**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFBD82**, and **C0521E** is the 20% darker color. If you saturate the color by 10%, you get **FF7436**, and if you desaturate by 10%, it is **FF9869**.

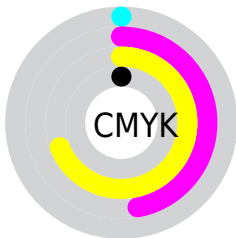
# Distribution



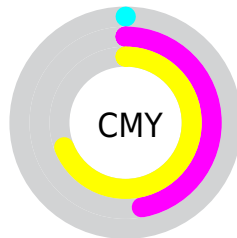
- Red (100%)
- Green (53%)
- Blue (31%)



- Red (100%)
- Yellow (62%)
- Blue (31%)



- Cyan (0%)
- Magenta (47%)
- Yellow (69%)
- Black (0%)



- Cyan (0%)
- Magenta (47%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF864F 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 FF864F by changing the saturation by 10% instead.



 FF864F

 FF864F

FFFFFF

 DF6C36

 FFBD82

 C0521E

 FFD99D

 A23802

 FFF6B8

 841D00

 FFFFD4

 650000

 FFFFF1

 480000

 2F0002

 000000

 FF864F

 FF864F

■ FF7436

■ FF9869

■ FF631C

■ FFA982

■ FF5103

■ FFBB9C

■ FF5000

■ FFCCB5

■ FFDECF

■ FFEFE8

FFFFFF

# Harmonies

## Analogous

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



FF7383



FF864F



D79D2A

# Triad

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



FF864F



00C291



83A0FF

# Complementary

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



FF864F



4FC8FF

# 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.



00B4FF



FF864F



00C4CE

# Square

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



FF864F



59BC57



00BFFF



DB87F4

# Rectangle

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



FF864F



B4AB26



00BFFF



52A8FF



# Sweetspot

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



FF864F



FFDAC9



FF4FCA



806A60



000000



808080



# Same Dimension

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



FF864F



FF6D2B



FFDC4F



807773



BF3C00



401400



# Inverse Universe

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



4FC8FF



2BBDFE



4F72FF



737C80



0083BF



002C40



# Previews

## White Background



This preview shows how the Hex color FF864F looks on a white background.

## Color Contrast Check

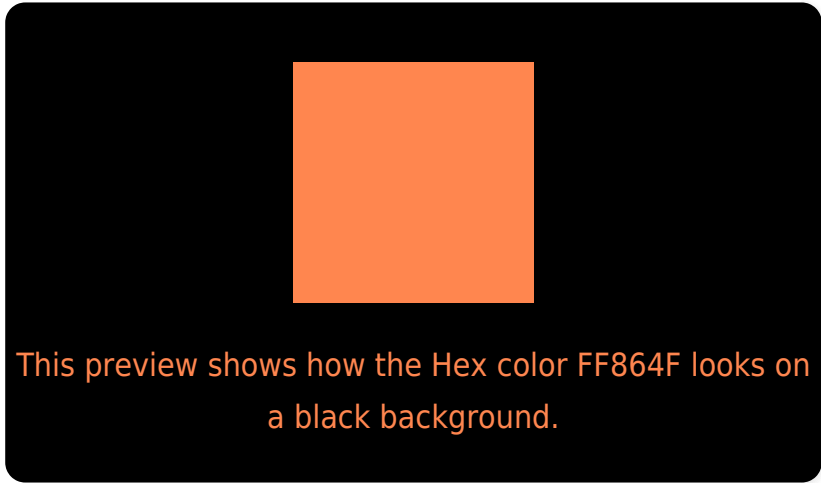
Large Text (above 18pt) WCAG AA × Fail

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 FF864F Background



This preview shows how black text looks on a background with the Hex color FF864F.

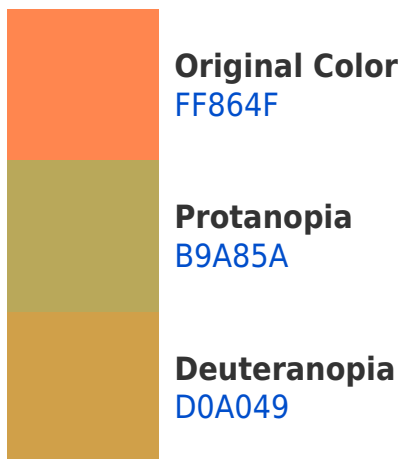


This preview shows how white text looks on a background with the Hex color FF864F.

# 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**  
FF818A

# Trichromacy



**Original Color**  
FF864F

**Protanomaly**  
D29C56

**Deuteranomaly**  
E1974B

**Tritanomaly**  
FF8375

# Monochromacy



**Original Color**  
FF864F

**Achromatopsia**  
A4A4A4

**Achromatomaly**  
C59985

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF864F 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 #FF864F looks like.

```
.text, #text, p{
  color:#FF864F
}
```

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 #FF864F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF864F
}
```

## Border

The CSS property to change the border of an element to Hex FF864F 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
#FF864F }
```

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

```
.border{ border-color:#FF864F }
```

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

Here you see how a box with a 4 pixel #FF864F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF864F; -webkit-box-shadow:4px 4px  
4px 4px #FF864F; box-shadow:4px 4px 4px  
4px #FF864F }
```

# Background

The CSS property to change the background color of an element to Hex FF864F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF864F }
```

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

```
.background{ background-color:#FF864F }
```

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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