

# Converting Colors

Hex(FF8A57)

Have a look what the booklet for  
Hex(FF8A57) contains.

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# **Color**

**Hex(F F 8 A 5 7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF8A57
RGB	255, 138, 87
RGB Percent	100%, 54%, 34%
CMY	0.0000, 0.4588, 0.6588
CMYK	0.00, 0.46, 0.66, 0.00
HSL	18°, 100%, 67%
HSV	18°, 66%, 100%
XYZ	52.0488, 40.1251, 14.0185
YIQ	167.1690, 86.1030, 8.9430

# Conversions

## Conversions Part 2

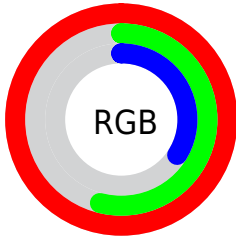
Format	Color
<a href="#">RYB</a>	<a href="#">255, 160, 87</a>
Decimal	<a href="#">16747095</a>
CIELab	<a href="#">69.56, 40.28, 46.53</a>
CIELCh	<a href="#">70, 61.539, 49.115</a>
Yxy	<a href="#">40.1251, 0.4901, 0.3779</a>
Android (android.graphics.Color)	<a href="#">4294937175 (0xFFFF8A57)</a>
YUV	<a href="#">167.1690, -39.5233, 77.0278</a>
Hunter-Lab	<a href="#">63.3444, 35.8172, 31.2198</a>

# Details

The Hex color **FF8A57** 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 **57CCFF**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFC18A**, and **C15626** is the 20% darker color. If you saturate the color by 10%, you get **FF783E**, and if you desaturate by 10%, it is **FF9C71**.

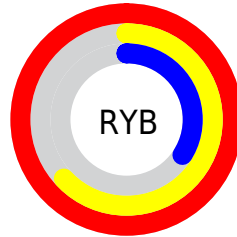
# Distribution



Red (100%)

Green (54%)

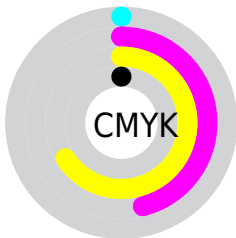
Blue (34%)



Red (100%)

Yellow (63%)

Blue (34%)

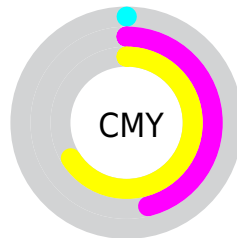


Cyan (0%)

Magenta (46%)

Yellow (66%)

Black (0%)



Cyan (0%)

Magenta (46%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF8A57 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 FF8A57 by changing the saturation by 10% instead.



 FF8A57

 FF8A57

FFFFFF

 E0703E

 FFC18A

 C15626

 FFDDA5

 A23C0D

 FFFAC1

 842200

 FFFFDD

 670200

 FFFFFA

 490000

 310002

 000000

 FF8A57

 FF8A57

■ FF783E

■ FF9C71

■ FF6624

■ FFAE8A

■ FF550B

■ FFBFA4

■ FF4D00

■ FFD1BD

■ FFE3D7

■ FFF5F0

FFFFFF

# Harmonies

## Analogous

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



FF7989



FF8A57



D9A036

# Triad

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



FF8A57



00C493



87A3FF

# Complementary

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



FF8A57



57CCFF

# 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.



00B6FF



FF8A57



00C5CD

# Square

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



FF8A57



63BE5D



00C1FD



DA8CF4

# Rectangle

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



FF8A57



B8AD32



00C1FD



5CAAFF



# Sweetspot

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



FF8A57



FFDBCC



FF57CD



806A61



000000



808080



# Same Dimension

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



FF8A57



FF7336



FFDD57



807773



BF3A00



401300



# Inverse Universe

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



57CCFF



36C2FF



5779FF



737C80



0085BF



002C40



# Previews

## White Background



This preview shows how the Hex color FF8A57 looks on a white background.

## Color Contrast Check

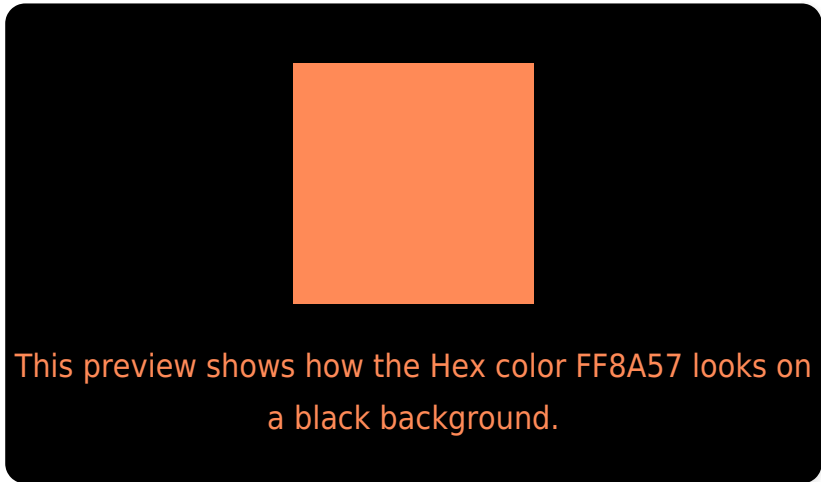
Large Text (above 18pt) WCAG AA × Fail

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 FF8A57 Background



This preview shows how black text looks on a background with the Hex color FF8A57.

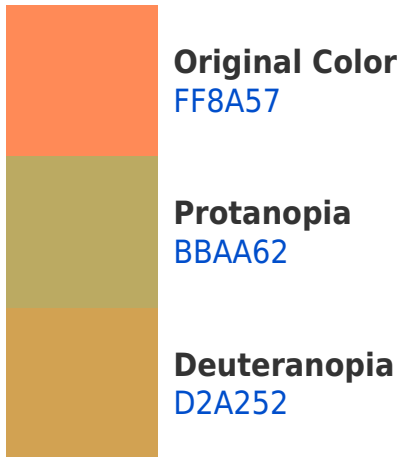


This preview shows how white text looks on a background with the Hex color FF8A57.

# 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](#).

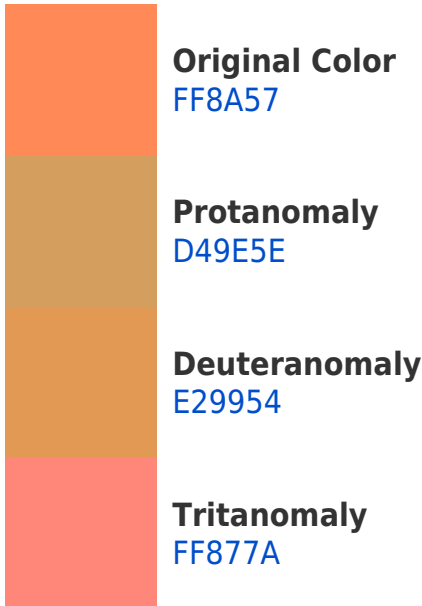
## Dichromacy



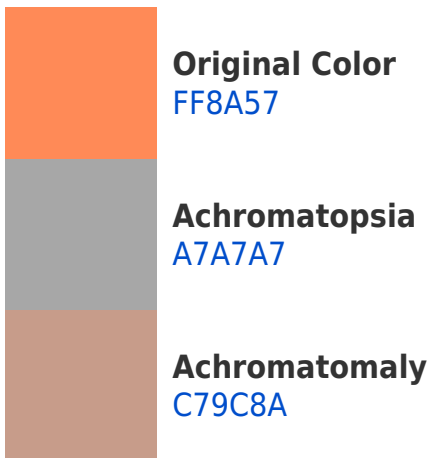


**Tritanopia**  
FF858E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF8A57 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 #FF8A57 looks like.

```
.text, #text, p{  
    color:#FF8A57  
}
```

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 #FF8A57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8A57
}
```

## Border

The CSS property to change the border of an element to Hex FF8A57 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
#FF8A57 }
```

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

```
.border{ border-color:#FF8A57 }
```

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

Here you see how a box with a 4 pixel #FF8A57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8A57; -webkit-box-shadow:4px 4px  
4px 4px #FF8A57; box-shadow:4px 4px 4px  
4px #FF8A57 }
```

# Background

The CSS property to change the background color of an element to Hex FF8A57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8A57 }
```

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

```
.background{ background-color:#FF8A57 }
```

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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