

# Converting Colors

Hex(FD8A66)

Have a look what the booklet for  
Hex(FD8A66) contains.

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# Color

**Hex(FD8A66)**

# Conversions

Conversions Part 1	
Format	Color
Hex	FD8A66
RGB	253, 138, 102
RGB Percent	99%, 54%, 40%
CMY	0.0078, 0.4588, 0.6000
CMYK	0.00, 0.45, 0.60, 0.01
HSL	14°, 97%, 70%
HSV	14°, 60%, 99%
XYZ	51.9948, 40.0189, 17.5544
YIQ	168.2810, 80.0960, 13.1840

# Conversions

## Conversions Part 2

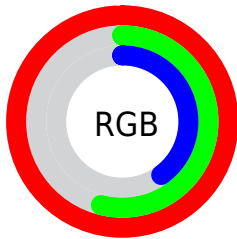
Format	Color
<a href="#">RYB</a>	<a href="#">253, 149, 102</a>
Decimal	<a href="#">16616038</a>
CIELab	<a href="#">69.48, 40.46, 38.53</a>
CIELCh	<a href="#">69, 55.875, 43.599</a>
Yxy	<a href="#">40.0189, 0.4745, 0.3652</a>
Android (android.graphics.Color)	<a href="#">4294806118</a> (0xFFFD8A66)
YUV	<a href="#">168.2810, -32.6765, 74.2986</a>
Hunter-Lab	<a href="#">63.2605, 36.0060, 27.8298</a>

# Details

The Hex color **FD8A66** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **66D9FD**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFC19A**, and **BF5636** is the 20% darker color. If you saturate the color by 10%, you get **FD774D**, and if you desaturate by 10%, it is **FD9D7F**.

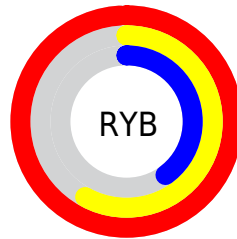
# Distribution



Red (99%)

Green (54%)

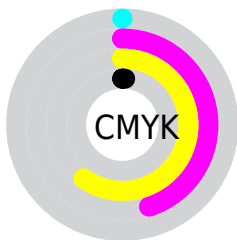
Blue (40%)



Red (99%)

Yellow (58%)

Blue (40%)

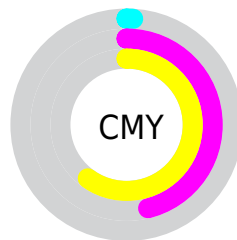


Cyan (0%)

Magenta (45%)

Yellow (60%)

Black (1%)



Cyan (1%)

Magenta (46%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FD8A66 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 FD8A66 by changing the saturation by 10% instead.



 FD8A66

FFFFFF

 FFC19A

 FFDDB5

 FFFAD0

 FFFFFED

 FD8A66

 DE704D

 BF5636

 A13C1F

 842208

 670100

 490000

 310002

 000000

 FD8A66

 FD8A66

 FD774D

 FD9D7F

 FD6333

 FDB199

 FD501A

 FDC4B2

 FD3D01

 FDD7CB

 FD3C00

 FDEAE5

 FD FE FE

 FD FF FF

# Harmonies

## Analogous

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



FF7E95



FD8A66



DD9D46

# Triad

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



FD8A66



00C18B



7BA7FF

# Complementary

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



FD8A66



66D9FD

# 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.



00B7FF



FD8A66



00C3C0

# Square

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



FD8A66



78BA5D



00C0EE



CB93F4

# Rectangle

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



FD8A66



C1A93F



00C0EE



52ADFF

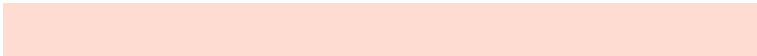


# Sweetspot

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



FD8A66



FFDCD1



FD66DA



806A63



000000



808080



# Same Dimension

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



FD8A66



FF7347



FDD566



807673



BF2E00



400F00



# Inverse Universe

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



66D9FD



47D3FF



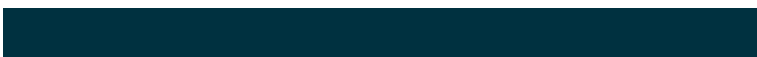
668EFD



737C80



0092BF



003140



# Previews

## White Background



This preview shows how the Hex color FD8A66 looks on a white background.

## Color Contrast Check

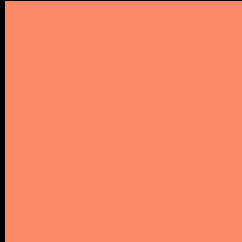
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color FD8A66 looks on a 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 FD8A66 Background



This preview shows how black text looks on a background with the Hex color FD8A66.



This preview shows how white text looks on a background with the Hex color FD8A66.

# 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**  
FD8A66





**Protanopia**  
B8AA72

**Deuteranopia**  
CFA261






**Tritanopia**  
FF858E

# Trichromacy

	<b>Original Color</b> FD8A66
	<b>Protanomaly</b> D19E6E
	<b>Deuteranomaly</b> E09963
	<b>Tritanomaly</b> FE877F

# Monochromacy

	<b>Original Color</b> FD8A66
	<b>Achromatopsia</b> A8A8A8
	<b>Achromatomaly</b> C79D90

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FD8A66 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 #FD8A66 looks like.

```
.text, #text, p{  
    color:#FD8A66  
}
```

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 #FD8A66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD8A66
}
```

## Border

The CSS property to change the border of an element to Hex FD8A66 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
#FD8A66 }
```

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

```
.border{ border-color:#FD8A66 }
```

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

Here you see how a box with a 4 pixel #FD8A66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD8A66; -webkit-box-shadow:4px 4px  
4px 4px #FD8A66; box-shadow:4px 4px 4px  
4px #FD8A66 }
```

# Background

The CSS property to change the background color of an element to Hex FD8A66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD8A66 }
```

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

```
.background{ background-color:#FD8A66 }
```

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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