

# Converting Colors

Hex(FF8953)

Have a look what the booklet for  
Hex(FF8953) contains.

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**Color**

**Hex(F8953)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | FF8953                    |
| RGB         | 255, 137, 83              |
| RGB Percent | 100%, 54%, 33%            |
| CMY         | 0.0000, 0.4627, 0.6745    |
| CMYK        | 0.00, 0.46, 0.67, 0.00    |
| HSL         | 19°, 100%, 66%            |
| HSV         | 19°, 67%, 100%            |
| XYZ         | 51.7470, 39.7759, 13.1338 |
| YIQ         | 166.1260, 87.6620, 8.2220 |

# Conversions

## Conversions Part 2

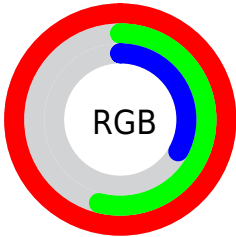
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 255, 162, 83                   |
| Decimal                             | 16746835                       |
| CIE Lab                             | 69.31, 40.56, 48.27            |
| CIE LCh                             | 69, 63.046, 49.958             |
| Yxy                                 | 39.7759, 0.4944,<br>0.3801     |
| Android<br>(android.graphics.Color) | 4294936915<br>(0xFFFF8953)     |
| YUV                                 | 166.1260, -40.9811,<br>77.9425 |
| Hunter-Lab                          | 63.0681, 36.0890,<br>31.8007   |

# Details

The Hex color **FF8953** 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 **53C9FF**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFC086**, and **C15522** is the 20% darker color. If you saturate the color by 10%, you get **FF7839**, and if you desaturate by 10%, it is **FF9A6C**.

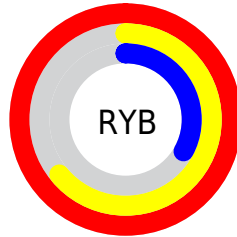
# Distribution



Red (100%)

Green (54%)

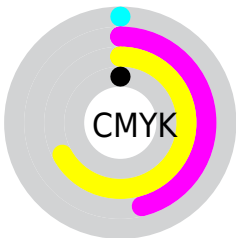
Blue (33%)



Red (100%)

Yellow (64%)

Blue (33%)

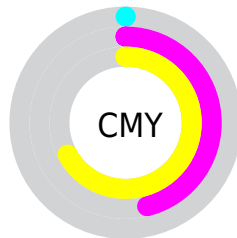


Cyan (0%)

Magenta (46%)

Yellow (67%)

Black (0%)



Cyan (0%)

Magenta (46%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF8953 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 FF8953 by changing the saturation by 10% instead.



 FF8953

 FF8953

FFFFFF

 E06F3A

 FFC086

 C15522

 FFDCA1

 A23B07

 FFF9BC

 842100

 FFFFD9

 660000

 FFFFF5

 490000

 300002

 000000

 FF8953

 FF8953

FF7839

FF9A6C

FF6620

FFAC86

FF5507

FFBDA0

FF5000

FFCFB9

FFE0D3

FFF2EC

FFFFFF

# Harmonies

## Analogous

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



FF7786



FF8953



D8A031

# Triad

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



FF8953



00C493



88A2FF

# Complementary

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



FF8953



53C9FF

# 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.



00B5FF



FF8953



00C5CF

# Square

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



FF8953



5DBE5C



00C1FF



DC8AF3

# Rectangle

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



FF8953



B6AC2D



00C1FF



5BA9FF



# Sweetspot

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



FF8953



FFDCCC



FF53CB



806B61



000000



808080



# Same Dimension

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



FF8953



FF7130



FFDD53



807773



BF3C00



401400



# Inverse Universe

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



53C9FF



30BEFF



5375FF



737B80



0083BF



002C40



# Previews

## White Background



This preview shows how the Hex color FF8953 looks on a white background.

## Color Contrast Check

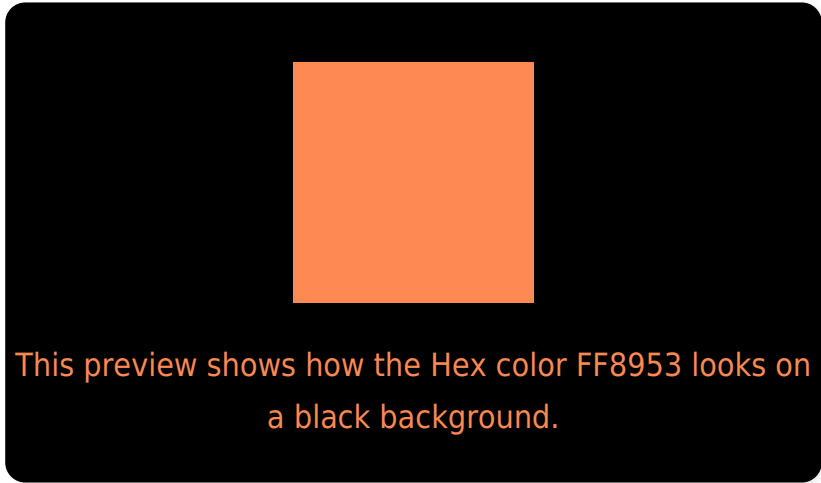
Large Text (above 18pt) WCAG AA × Fail

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 FF8953 Background



This preview shows how black text looks on a background with the Hex color FF8953.

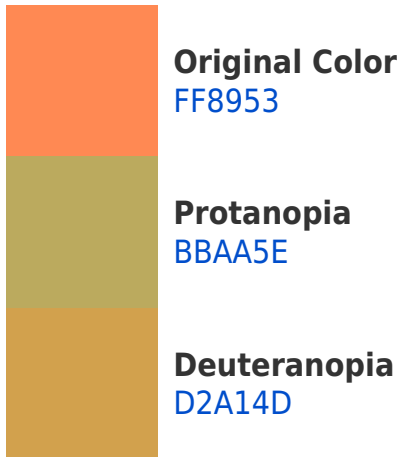


This preview shows how white text looks on a background with the Hex color FF8953.

# 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**  
FF848D

# Trichromacy



**Original Color**  
FF8953

**Protanomaly**  
D49E5A

**Deuteranomaly**  
E2984F

**Tritanomaly**  
FF8678

# Monochromacy



**Original Color**  
FF8953

**Achromatopsia**  
A6A6A6

**Achromatomaly**  
C69B88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF8953 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 #FF8953 looks like.

```
.text, #text, p{  
    color:#FF8953  
}
```

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 #FF8953 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8953
}
```

## Border

The CSS property to change the border of an element to Hex FF8953 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
#FF8953 }
```

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

```
.border{ border-color:#FF8953 }
```

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

Here you see how a box with a 4 pixel #FF8953 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8953; -webkit-box-shadow:4px 4px  
4px 4px #FF8953; box-shadow:4px 4px 4px  
4px #FF8953 }
```

# Background

The CSS property to change the background color of an element to Hex FF8953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8953 }
```

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

```
.background{ background-color:#FF8953 }
```

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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