

Converting Colors

Hex(FF8576)

Have a look what the booklet for
Hex(FF8576) contains.

| | |
|--|----|
| Hex(FF8576) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(F8576)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF8576 |
| RGB | 255, 133, 118 |
| RGB Percent | 100%, 52%, 46% |
| CMY | 0.0000, 0.4784, 0.5373 |
| CMYK | 0.00, 0.48, 0.54, 0.00 |
| HSL | 7°, 100%, 73% |
| HSV | 7°, 54%, 100% |
| XYZ | 52.8975, 39.3431, 21.9455 |
| YIQ | 167.7680, 77.5270, 21.1990 |

Conversions

Conversions Part 2

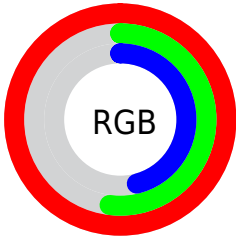
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 135, 118 |
| Decimal | 16745846 |
| CIE _{Lab} | 69.00, 44.90, 29.29 |
| CIE _{LCh} | 69, 53.610, 33.114 |
| Yxy | 39.3431, 0.4633, 0.3446 |
| Android (android.graphics.Color) | 4294935926 (0xFFFF8576) |
| YUV | 167.7680, -24.5356, 76.5025 |
| Hunter-Lab | 62.7240, 40.7687, 23.1628 |

Details

The Hex color **FF8576** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **76F0FF**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFBCAA**, and **C25045** is the 20% darker color. If you saturate the color by 10%, you get **FF6E5D**, and if you desaturate by 10%, it is **FF9C90**.

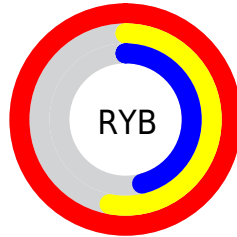
Distribution



Red (100%)

Green (52%)

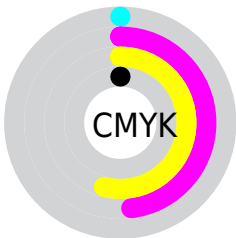
Blue (46%)



Red (100%)

Yellow (53%)

Blue (46%)

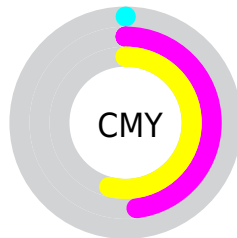


Cyan (0%)

Magenta (48%)

Yellow (54%)

Black (0%)



Cyan (0%)

Magenta (48%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF8576 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 FF8576 by changing the saturation by 10% instead.

 FF8576

 FF8576

FFFFFF

 E06A5D

 FFBCAA

 C25045

 FFD9C6

 A4362F

 FFF6E2

 86191A

FFFFFFE

 690000

 4C0000

 320002

 000000

 FF8576

 FF8576

■ FF6E5D

■ FF9C90

■ FF5843

■ FFB2A9

■ FF412A

■ FFC9C3

■ FF2A10

■ FFE0DC

■ FF1C00

■ FFF7F6

FFFFFF

Harmonies

Analogous

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



FF7EA5



FF8576



E79652

Triad

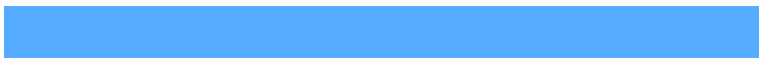
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FF8576



4ABD7B



56ACFF

Complementary

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



FF8576



76F0FF

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.



00B9FE



FF8576



00C1AC

Square

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



FF8576



8DB553



00BFDC



B29AFA

Rectangle

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



FF8576



CEA244



00BFDC



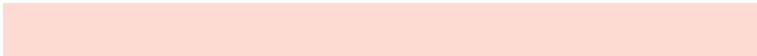
0BB1FF

Sweetspot

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



FF8576



FFDBD6



FF76F1



806A67



000000



808080

Same Dimension

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



FF8576



FF6E5C



FFC876



807473



BF1500



400700

Inverse Universe

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



76F0FF



5CEDFF



76ADFF



737E80



00AABF



003940

Previews

White Background



This preview shows how the Hex color FF8576 looks on a white background.

Color Contrast Check

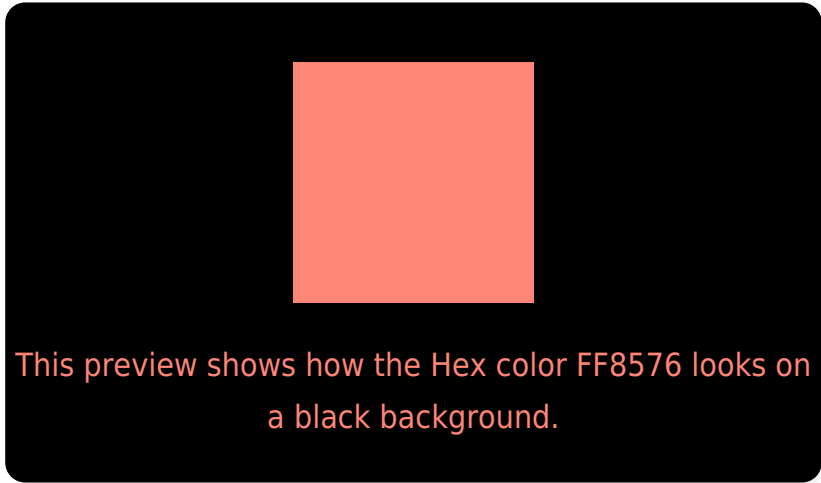
Large Text (above 18pt) WCAG AA × Fail

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 FF8576 Background



This preview shows how black text looks on a background with the Hex color FF8576.

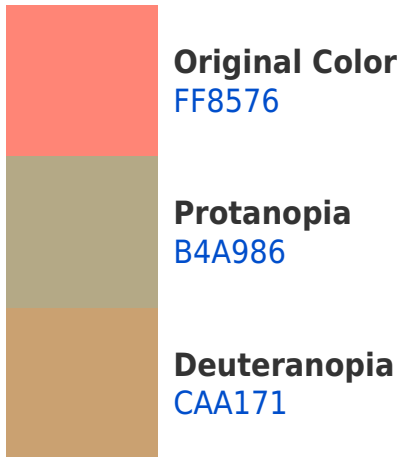


This preview shows how white text looks on a background with the Hex color FF8576.

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



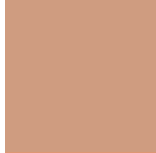


Tritanopia
FF838C

Trichromacy



Original Color
FF8576



Protanomaly
CF9C80



Deuteranomaly
DD9773

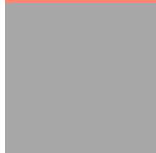


Tritanomaly
FF8484

Monochromacy



Original Color
FF8576



Achromatopsia
A8A8A8



Achromatomaly
C89B96

CSS Examples

Text

The CSS property to change the color of the text to Hex FF8576 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 #FF8576 looks like.

```
.text, #text, p{  
    color:#FF8576  
}
```

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 #FF8576 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8576
}
```

Border

The CSS property to change the border of an element to Hex FF8576 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
#FF8576 }
```

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

```
.border{ border-color:#FF8576 }
```

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

Here you see how a box with a 4 pixel #FF8576 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8576; -webkit-box-shadow:4px 4px  
4px 4px #FF8576; box-shadow:4px 4px 4px  
4px #FF8576 }
```

Background

The CSS property to change the background color of an element to Hex FF8576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8576 }
```

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

```
.background{ background-color:#FF8576 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor