

# Converting Colors

Hex(FE8D75)

Have a look what the booklet for  
Hex(FE8D75) contains.

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# **Color**

**Hex(FE8D75)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE8D75
RGB	254, 141, 117
RGB Percent	100%, 55%, 46%
CMY	0.0039, 0.4471, 0.5412
CMYK	0.00, 0.44, 0.54, 0.00
HSL	11°, 99%, 73%
HSV	11°, 54%, 100%
XYZ	53.6088, 41.4049, 21.9961
YIQ	172.0510, 75.0520, 16.4920

# Conversions

## Conversions Part 2

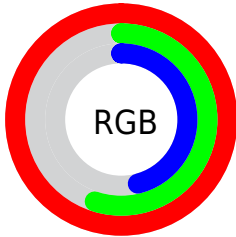
Format	Color
<a href="#">RYB</a>	<a href="#">254, 146, 117</a>
Decimal	<a href="#">16682357</a>
<a href="#">CIELab</a>	<a href="#">70.46, 40.45, 31.71</a>
<a href="#">CIElCh</a>	<a href="#">70, 51.398, 38.100</a>
<a href="#">Yxy</a>	<a href="#">41.4049, 0.4582, 0.3539</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294872437 (0xFFFE8D75)</a>
<a href="#">YUV</a>	<a href="#">172.0510, -27.1401, 71.8693</a>
<a href="#">Hunter-Lab</a>	<a href="#">64.3467, 36.1061, 24.7751</a>

# Details

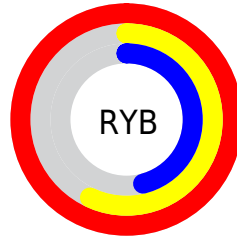
The Hex color **FE8D75** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **75E6FE**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFC4A9**, and **C15844** is the 20% darker color. If you saturate the color by 10%, you get **FE785C**, and if you desaturate by 10%, it is **FEA28E**.

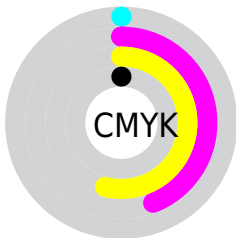
# Distribution



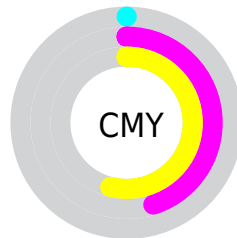
- Red (100%)
- Green (55%)
- Blue (46%)



- Red (100%)
- Yellow (57%)
- Blue (46%)



- Cyan (0%)
- Magenta (44%)
- Yellow (54%)
- Black (0%)



- Cyan (0%)
- Magenta (45%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FE8D75 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 FE8D75 by changing the saturation by 10% instead.



 FE8D75

 FE8D75

FFFFFF

 DF725C

 FFC4A9

 C15844

 FFE1C5

 A33F2E

 FFFEE1

 862518

FFFFFFD

 690500

 4C0000

 330002

 000000

 FE8D75

 FE8D75

■ FE785C

■ FEA28E

■ FE6342

■ FEB7A8

■ FE4E29

■ FECCC1

■ FE390F

■ FEE1DB

■ FE2C00

■ FEF6F4

FEFFFF

# Harmonies

## Analogous

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



FF85A1



FE8D75



E49D55

# Triad

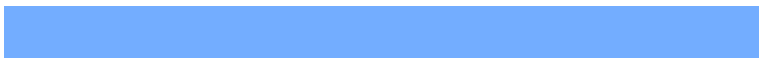
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FE8D75



46C188



73ADFF

# Complementary

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



FE8D75



75E6FE

# 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.



00BBFF



FE8D75



00C4B8

# Square

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



FE8D75



8ABA60



00C2E5



C19BF6

# Rectangle

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



FE8D75



CAA94C



00C2E5



4DB2FF

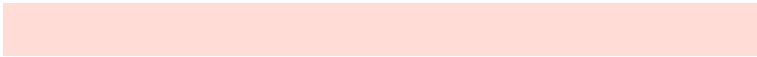


# Sweetspot

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



FE8D75



FFDDD6



FE75E7



806C67



000000



808080



# Same Dimension

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



FE8D75



FF7659



FED075



807573



BF2200



400B00



# Inverse Universe

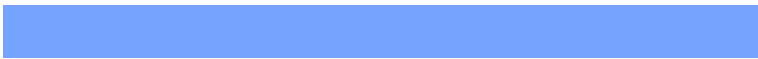
The Inverse Universe completely reimagines the original color for something new.



75E6FE



59E2FF



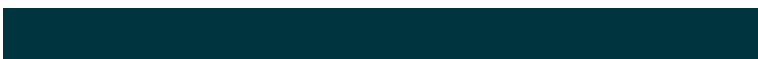
75A3FE



737D80



009EBF



003540



# Previews

## White Background



This preview shows how the Hex color FE8D75 looks on a white background.

## Color Contrast Check

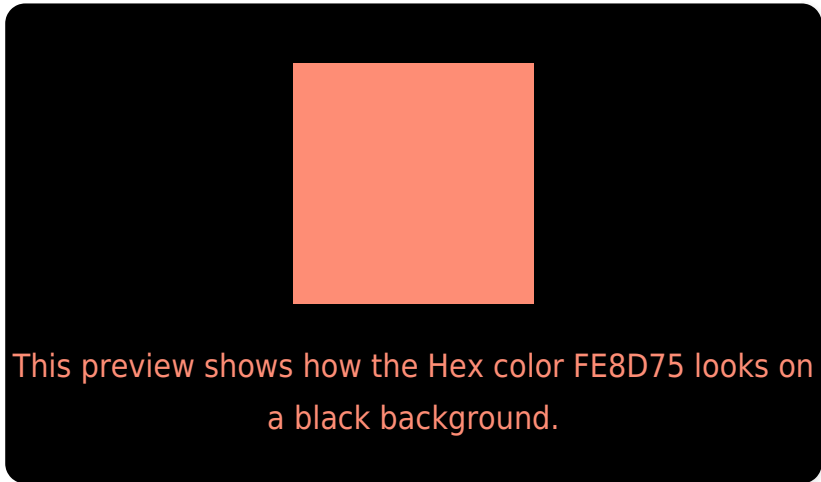
Large Text (above 18pt) WCAG AA × Fail

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 FE8D75 Background



This preview shows how black text looks on a background with the Hex color FE8D75.

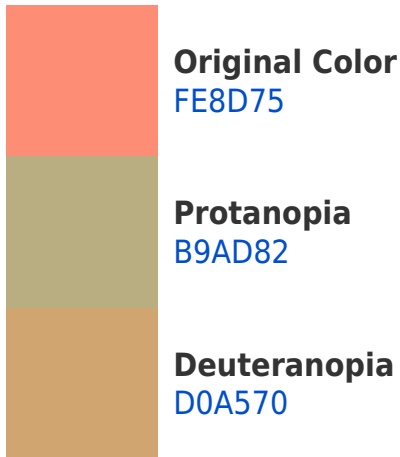


This preview shows how white text looks on a background with the Hex color FE8D75.

# 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](#).

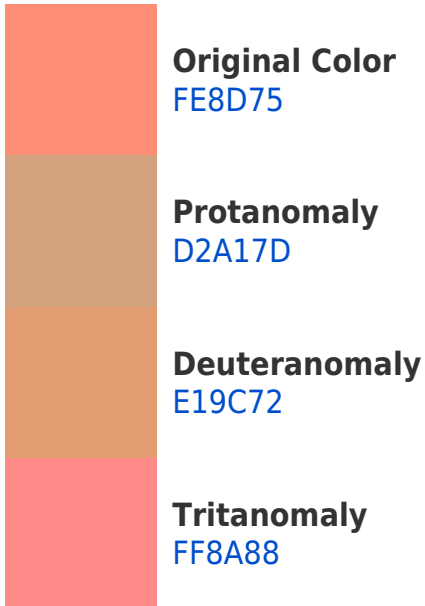
## Dichromacy



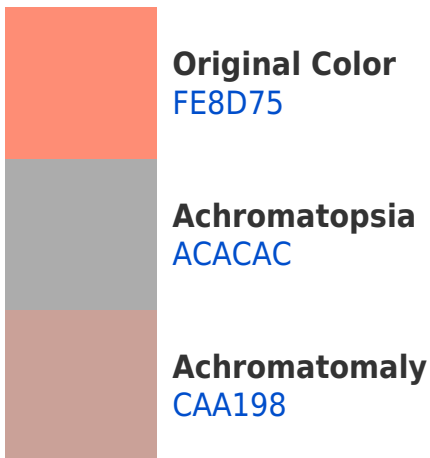


**Tritanopia**  
FF8993

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FE8D75 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 #FE8D75 looks like.

```
.text, #text, p{  
    color:#FE8D75  
}
```

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 #FE8D75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE8D75 }  
}
```

## Border

The CSS property to change the border of an element to Hex FE8D75 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 #FE8D75 }  
}
```

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

```
.border{ border-color:#FE8D75 }
```

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

Here you see how a box with a 4 pixel #FE8D75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE8D75; -webkit-box-shadow:4px 4px  
4px 4px #FE8D75; box-shadow:4px 4px 4px  
4px #FE8D75 }
```

# Background

The CSS property to change the background color of an element to Hex FE8D75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE8D75 }
```

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

```
.background{ background-color:#FE8D75 }
```

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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