

# Converting Colors

Hex(FE807C)

Have a look what the booklet for  
Hex(FE807C) contains.

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# **Color**

**Hex(FE807C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE807C
RGB	254, 128, 124
RGB Percent	100%, 50%, 49%
CMY	0.0039, 0.4980, 0.5137
CMYK	0.00, 0.50, 0.51, 0.00
HSL	2°, 98%, 74%
HSV	2°, 51%, 100%
XYZ	52.2303, 37.9644, 23.6438
YIQ	165.2180, 76.3800, 25.4680

# Conversions

## Conversions Part 2

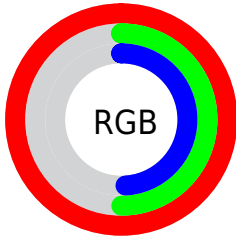
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 128, 124
Decimal	16679036
CIE <sub>Lab</sub>	67.99, 47.50, 24.61
CIE <sub>LCh</sub>	68, 53.492, 27.386
Y <sub>xy</sub>	37.9644, 0.4588, 0.3335
Android (android.graphics.Color)	4294869116 (0xFFFE807C)
YUV	165.2180, -20.3205, 77.8618
Hunter-Lab	61.6153, 43.4850, 20.3792

# Details

The Hex color **FE807C** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **7CFAFE**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFB7B1**, and **C14B4B** is the 20% darker color. If you saturate the color by 10%, you get **FE6763**, and if you desaturate by 10%, it is **FE9995**.

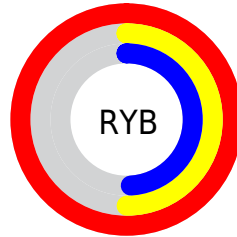
# Distribution



Red (100%)

Green (50%)

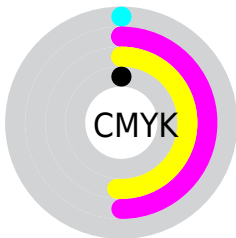
Blue (49%)



Red (100%)

Yellow (50%)

Blue (49%)

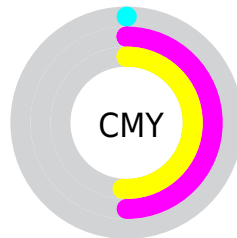


Cyan (0%)

Magenta (50%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (50%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FE807C 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 FE807C by changing the saturation by 10% instead.



 FE807C

 FE807C

FFFFFF

 DF6563

 FFB7B1

 C14B4B

 FFD4CC

 A32F34

 FFF1E8

 850F1F

 680009

 4B0000

 310002

 000000

 FE807C

 FE807C

 FE6763

 FE9995

 FE4F49

 FEB1AF

 FE3630

 FECAC8

 FE1E16

 FEE2E2

 FE0800

 FEFBFB

FEFFFF

# Harmonies

## Analogous

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



FB7CAC



FE807C



EA9055

# Triad

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



FE807C



57B970



33ACFF

# Complementary

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



FE807C



7CFAFE

# 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.



00B8F6



FE807C



00BEA0

# Square

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



FE807C



95B04C



00BDD1



A19BFC

# Rectangle

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



FE807C



D39C45



00BDD1



00B1FF



# Sweetspot

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



FE807C



FFDAD9



FE7CFC



806969



000000



808080



# Same Dimension

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



FE807C



FF6863



FEBF7C



807373



BF0600



400200



# Inverse Universe

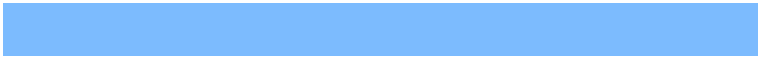
The Inverse Universe completely reimagines the original color for something new.



7CFAFE



63FAFF



7CBBFE



737F80



00B9BF



003E40



# Previews

## White Background



This preview shows how the Hex color FE807C looks on a white background.

## Color Contrast Check

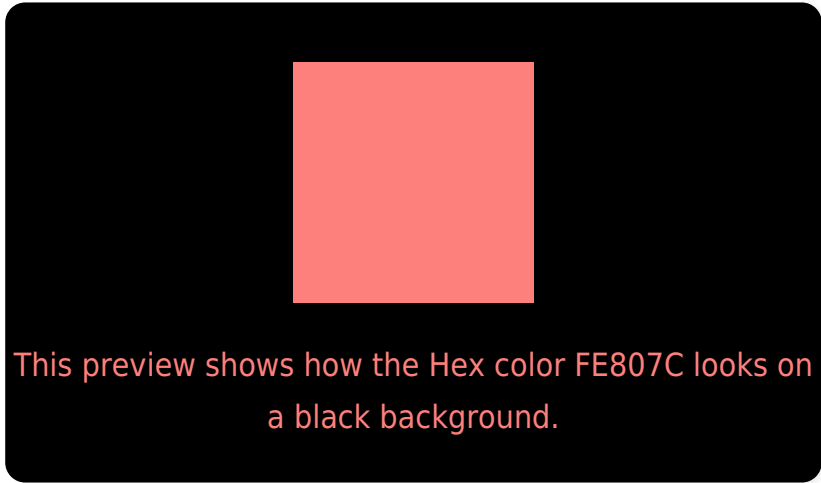
Large Text (above 18pt) WCAG AA × Fail

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 FE807C Background



This preview shows how black text looks on a background with the Hex color FE807C.

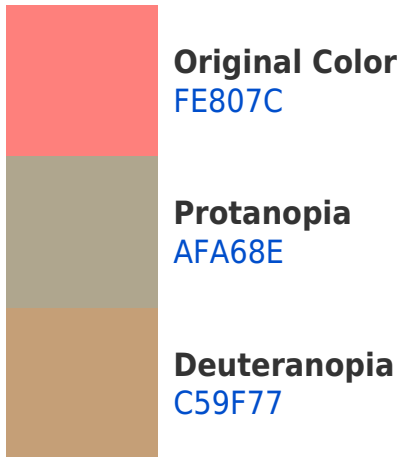


This preview shows how white text looks on a background with the Hex color FE807C.

# 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**  
FF7E87

# Trichromacy



**Original Color**  
FE807C



**Protanomaly**  
CC9887



**Deuteranomaly**  
DA9479



**Tritanomaly**  
FF7F83

# Monochromacy



**Original Color**  
FE807C



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
C59896

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FE807C 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 #FE807C looks like.

```
.text, #text, p{  
    color:#FE807C  
}
```

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 #FE807C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE807C
}
```

## Border

The CSS property to change the border of an element to Hex FE807C 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
#FE807C }
```

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

```
.border{ border-color:#FE807C }
```

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

Here you see how a box with a 4 pixel #FE807C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE807C; -webkit-box-shadow:4px 4px  
4px 4px #FE807C; box-shadow:4px 4px 4px  
4px #FE807C }
```

# Background

The CSS property to change the background color of an element to Hex FE807C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE807C }
```

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

```
.background{ background-color:#FE807C }
```

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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