

# Converting Colors

Hex(FF849C)

Have a look what the booklet for  
Hex(FF849C) contains.

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# **Color**

**Hex(F F 8 4 9 C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF849C
RGB	255, 132, 156
RGB Percent	100%, 52%, 61%
CMY	0.0000, 0.4824, 0.3882
CMYK	0.00, 0.48, 0.39, 0.00
HSL	348°, 100%, 76%
HSV	348°, 48%, 100%
XYZ	55.4920, 40.1628, 36.2799
YIQ	171.5130, 65.6040, 33.5400

# Conversions

## Conversions Part 2

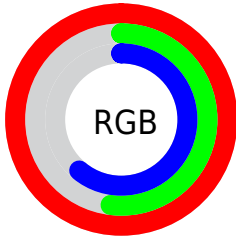
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 132, 156
Decimal	16745628
CIE <sub>Lab</sub>	69.59, 48.99, 8.91
CIE <sub>LCh</sub>	70, 49.796, 10.304
Yxy	40.1628, 0.4206, 0.3044
Android (android.graphics.Color)	4294935708 (0xFFFF849C)
YUV	171.5130, -7.6479, 73.2181
Hunter-Lab	63.3741, 45.3944, 10.4200

# Details

The Hex color **FF849C** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84FFE7**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFBCD2**, and **C34E69** is the 20% darker color. If you saturate the color by 10%, you get **FF6B87**, and if you desaturate by 10%, it is **FF9EB1**.

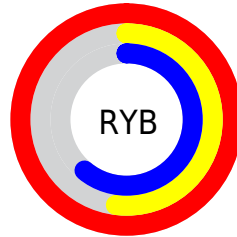
# Distribution



Red (100%)

Green (52%)

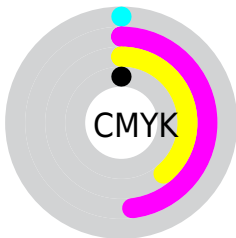
Blue (61%)



Red (100%)

Yellow (52%)

Blue (61%)

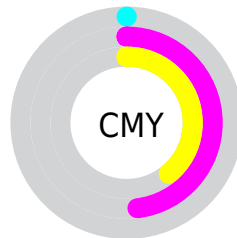


Cyan (0%)

Magenta (48%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (48%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF849C 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 FF849C by changing the saturation by 10% instead.



 FF849C

 FF849C

FFFFFF

 E16982

 FFBCD2

 C34E69

 FFD8EF

 A53351

 FFF5FF

 89143A

 6C0025

 500010

 370002

 0B0000

 000000

 FF849C

 FF849C

 FF6B87

 FF9EB1

 FF5173

 FFB7C5

 FF385E

 FFD1DA

 FF1E4A

 FFEAEE

 FF0535

FFFFFF

 FF0032

# Harmonies

## Analogous

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



EE89C9



FF849C



F88D72

# Triad

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



FF849C



85B863



00B7FE

# Complementary

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



FF849C



84FFE7

# 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.



00BFE3



FF849C



41BF8A

# Square

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



FF849C



B6AC4E



00C1B9



7AA9FF

# Rectangle

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



FF849C



E8975C



00C1B9



00BAF8



# Sweetspot

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



FF849C



FFDBE2



E684FF



806A6E



000000



808080



# Same Dimension

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



FF849C



FF6B88



FFA984



807375



BF0025



40000C



# Inverse Universe

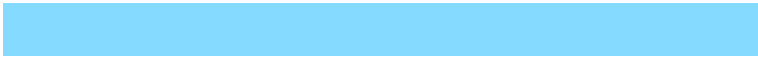
The Inverse Universe completely reimagines the original color for something new.



FF849C



FF6B88



84DAFF



807375



BF0025



40000C



# Previews

## White Background



This preview shows how the Hex color FF849C looks on a white background.

## Color Contrast Check

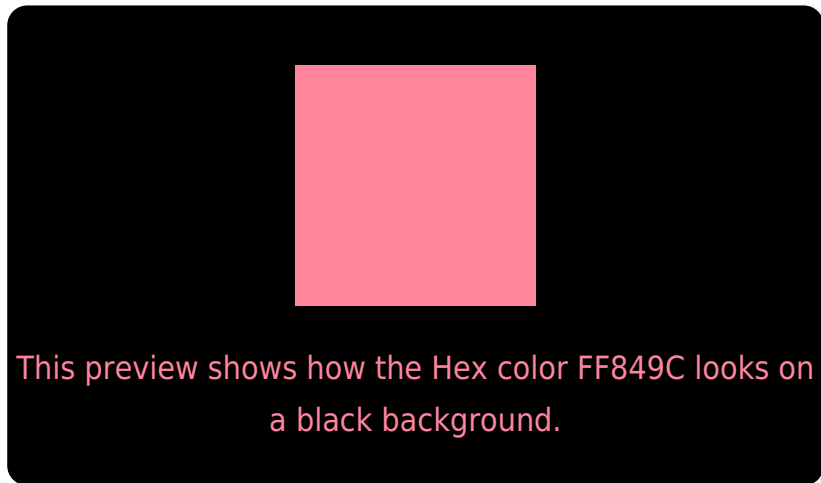
Large Text (above 18pt) WCAG AA × Fail

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 FF849C Background



This preview shows how black text looks on a background with the Hex color FF849C.

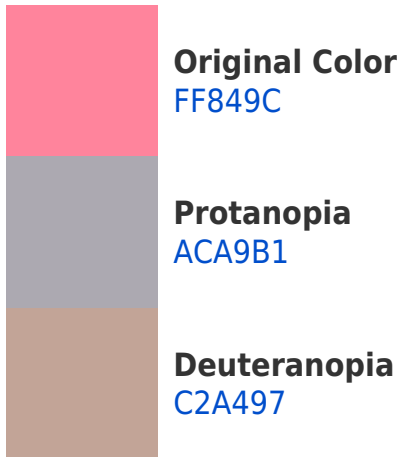


This preview shows how white text looks on a background with the Hex color FF849C.

# 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**  
FE8690

# Trichromacy



**Original Color**  
FF849C



**Protanomaly**  
CA9CA9



**Deuteranomaly**  
D89899



**Tritanomaly**  
FE8594

# Monochromacy



**Original Color**  
FF849C



**Achromatopsia**  
ACACAC



**Achromatomaly**  
CA9DA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF849C 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 #FF849C looks like.

```
.text, #text, p{  
  color:#FF849C  
}
```

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 #FF849C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF849C
}
```

## Border

The CSS property to change the border of an element to Hex FF849C is called "border". The border property can be set on classes, ids or directly on the HTML element.

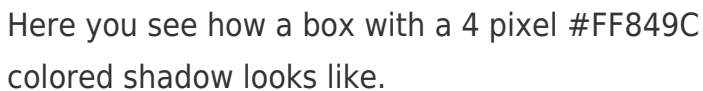
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF849C }
```

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

```
.border{ border-color:#FF849C }
```

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



Here you see how a box with a 4 pixel #FF849C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF849C; -webkit-box-shadow:4px 4px  
4px 4px #FF849C; box-shadow:4px 4px 4px  
4px #FF849C }
```

# Background

The CSS property to change the background color of an element to Hex FF849C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF849C }
```

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

```
.background{ background-color:#FF849C }
```

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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