

# Converting Colors

Hex(FF859B)

Have a look what the booklet for  
Hex(FF859B) contains.

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# **Color**

**Hex(F859B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF859B
RGB	255, 133, 155
RGB Percent	100%, 52%, 61%
CMY	0.0000, 0.4784, 0.3922
CMYK	0.00, 0.48, 0.39, 0.00
HSL	349°, 100%, 76%
HSV	349°, 48%, 100%
XYZ	55.5439, 40.4016, 35.8812
YIQ	171.9860, 65.6500, 32.7060

# Conversions

## Conversions Part 2

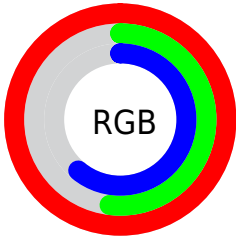
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 133, 155
Decimal	16745883
CIE <sub>Lab</sub>	69.75, 48.39, 9.71
CIE <sub>LCh</sub>	70, 49.358, 11.344
Yxy	40.4016, 0.4213, 0.3065
Android (android.graphics.Color)	4294935963 (0xFFFF859B)
YUV	171.9860, -8.3741, 72.8033
Hunter-Lab	63.5623, 44.7484, 11.0241

# Details

The Hex color **FF859B** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85FFE9**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFBDD1**, and **C34F68** is the 20% darker color. If you saturate the color by 10%, you get **FF6C86**, and if you desaturate by 10%, it is **FF9FB0**.

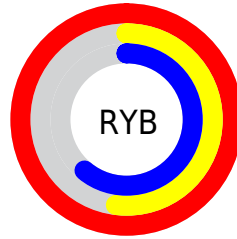
# Distribution



Red (100%)

Green (52%)

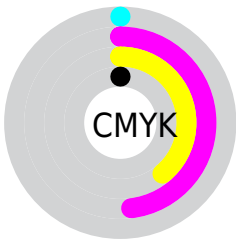
Blue (61%)



Red (100%)

Yellow (52%)

Blue (61%)

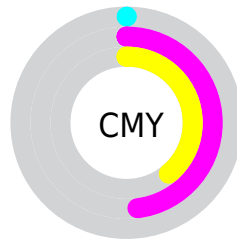


Cyan (0%)

Magenta (48%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (48%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF859B 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 FF859B by changing the saturation by 10% instead.



 FF859B

 FF859B

FFFFFF

 E16A81

 FFBDD1

 C34F68

 FFD9EE

 A53450

 FFF6FF

 891639

 6C0024

 50000F

 370002

 0B0000

 000000

 FF859B

 FF859B

 FF6C86

 FF9FB0

 FF5271

 FFB8C5

 FF395C

 FFD2DA

 FF1F47

 FFEBEF

 FF0632

FFFFFF

 FF002E

# Harmonies

## Analogous

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



EF89C8



FF859B



F78E71

# Triad

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



FF859B



84B965



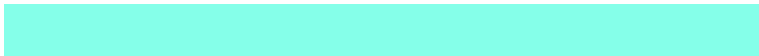
00B7FF

# Complementary

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



FF859B



85FFE9

# 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.



00BFE4



FF859B



40BF8C

# Square

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



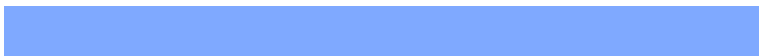
FF859B



B5AD4F



00C1BB



7FA9FF

# Rectangle

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



FF859B



E7985C



00C1BB



00BAF8



# Sweetspot

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



FF859B



FFDBE2



E985FF



806A6E



000000



808080



# Same Dimension

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



FF859B



FF6E88



FFAC85



807375



BF0022



40000B



# Inverse Universe

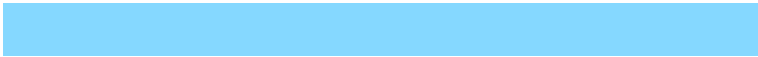
The Inverse Universe completely reimagines the original color for something new.



FF859B



FF6E88



85D8FF



807375



BF0022



40000B



# Previews

## White Background



This preview shows how the Hex color FF859B looks on a white background.

## Color Contrast Check

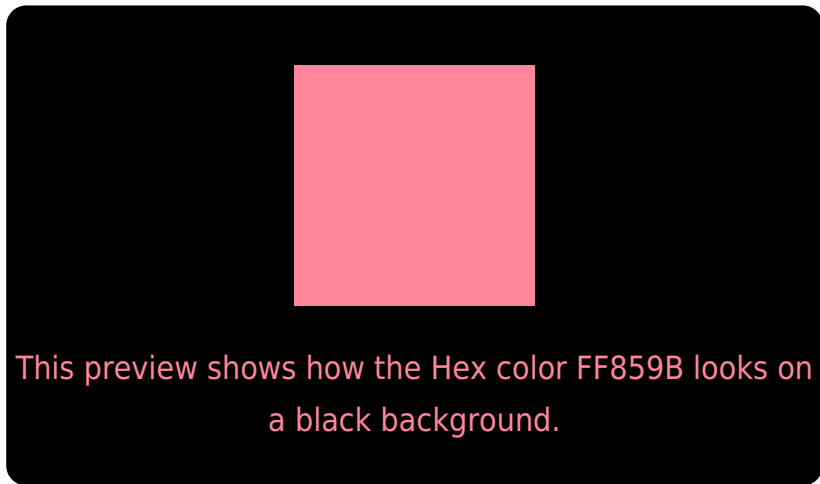
Large Text (above 18pt) WCAG AA × Fail

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 FF859B Background



This preview shows how black text looks on a background with the Hex color FF859B.

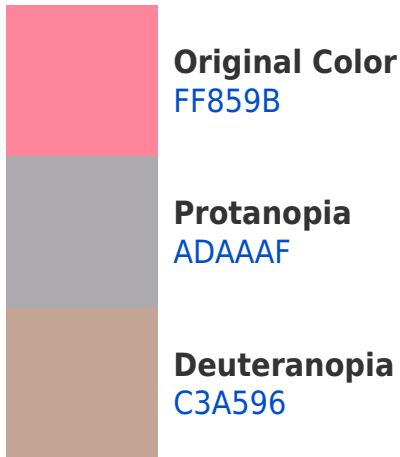


This preview shows how white text looks on a background with the Hex color FF859B.

# 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**  
FE8790

# Trichromacy



**Original Color**  
FF859B



**Protanomaly**  
CB9DA8



**Deuteranomaly**  
D99998



**Tritanomaly**  
FE8694

# Monochromacy



**Original Color**  
FF859B



**Achromatopsia**  
ACACAC



**Achromatomaly**  
CA9EA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF859B 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 #FF859B looks like.

```
.text, #text, p{  
    color:#FF859B  
}
```

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 #FF859B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF859B
}
```

## Border

The CSS property to change the border of an element to Hex FF859B 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
#FF859B }
```

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

```
.border{ border-color:#FF859B }
```

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

Here you see how a box with a 4 pixel #FF859B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF859B; -webkit-box-shadow:4px 4px  
4px 4px #FF859B; box-shadow:4px 4px 4px  
4px #FF859B }
```

# Background

The CSS property to change the background color of an element to Hex FF859B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF859B }
```

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

```
.background{ background-color:#FF859B }
```

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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