

# Converting Colors

Hex(FF759F)

Have a look what the booklet for  
Hex(FF759F) contains.

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# **Color**

**Hex(F759F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF759F
RGB	255, 117, 159
RGB Percent	100%, 46%, 62%
CMY	0.0000, 0.5412, 0.3765
CMYK	0.00, 0.54, 0.38, 0.00
HSL	342°, 100%, 73%
HSV	342°, 54%, 100%
XYZ	53.8593, 36.4858, 37.0047
YIQ	163.0500, 68.7660, 42.3180

# Conversions

## Conversions Part 2

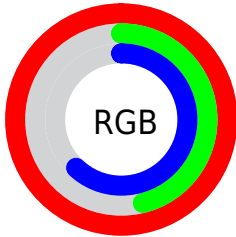
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 117, 159
Decimal	16741791
CIE <sub>Lab</sub>	66.89, 56.47, 3.34
CIE <sub>LCh</sub>	67, 56.573, 3.386
Yxy	36.4858, 0.4229, 0.2865
Android (android.graphics.Color)	4294931871 (0xFFFF759F)
YUV	163.0500, -1.9966, 80.6402
Hunter-Lab	60.4035, 53.4551, 5.9599

# Details

The Hex color **FF759F** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **75FFD5**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFADD6**, and **C23D6C** is the 20% darker color. If you saturate the color by 10%, you get **FF5B8D**, and if you desaturate by 10%, it is **FF8FB1**.

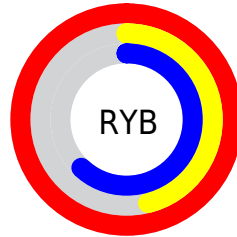
# Distribution



Red (100%)

Green (46%)

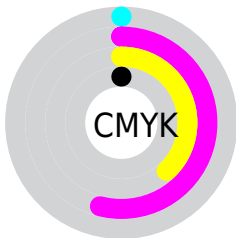
Blue (62%)



Red (100%)

Yellow (46%)

Blue (62%)

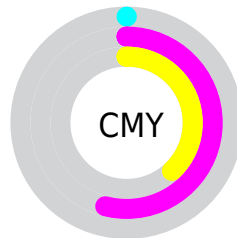


Cyan (0%)

Magenta (54%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (54%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF759F 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 FF759F by changing the saturation by 10% instead.



 FF759F

 FF759F

FFFFFF

 E05985

 FFADD6

 C23D6C

 FFCAF2

 A51D54

 FFE7FF

 88003D

 6B0027

 4F0013

 340002

 000000

 FF759F

 FF759F

■ FF5B8D

■ FF8FB1

■ FF427C

■ FFA8C2

■ FF286A

■ FFC2D4

■ FF0F58

■ FFD8E6

■ FF004E

■ FFF4F8

FFFFFF

# Harmonies

## Analogous

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



E67FD1



FF759F



FC7D6E

# Triad

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



FF759F



85B049



00B4FD

# Complementary

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



FF759F



75FFD5

# 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.



00BBD9



FF759F



38B873

# Square

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



FF759F



B9A236



00BCA7



43A6FF

# Rectangle

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



FF759F



ED8952



00BCA7



00B7F4



# Sweetspot

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



FF759F



FFD6E3



D375FF



80676F



000000



808080



# Same Dimension

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



FF759F



FF598C



FF8E75



807377



BF003A



400013



# Inverse Universe

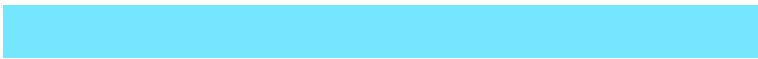
The Inverse Universe completely reimagines the original color for something new.



FF759F



FF598C



75E6FF



807377



BF003A



400013



# Previews

## White Background



This preview shows how the Hex color FF759F looks on a white background.

## Color Contrast Check

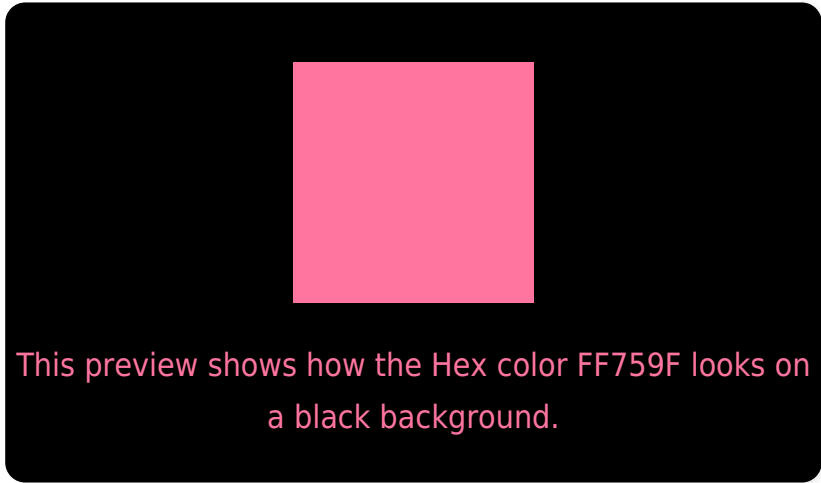
Large Text (above 18pt) WCAG AA × Fail

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 FF759F Background



This preview shows how black text looks on a background with the Hex color FF759F.




This preview shows how white text looks on a background with the Hex color FF759F.

# 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**  
FD7A83

# Trichromacy



**Original Color**  
FF759F



**Protanomaly**  
C292B0



**Deuteranomaly**  
D18E9B

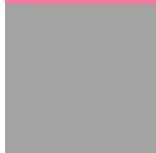


**Tritanomaly**  
FE788D

# Monochromacy



**Original Color**  
FF759F



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
C492A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF759F 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 #FF759F looks like.

```
.text, #text, p{  
    color:#FF759F  
}
```

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 #FF759F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF759F
}
```

## Border

The CSS property to change the border of an element to Hex FF759F 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
#FF759F }
```

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

```
.border{ border-color:#FF759F }
```

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

Here you see how a box with a 4 pixel #FF759F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF759F; -webkit-box-shadow:4px 4px  
4px 4px #FF759F; box-shadow:4px 4px 4px  
4px #FF759F }
```

# Background

The CSS property to change the background color of an element to Hex FF759F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF759F }
```

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

```
.background{ background-color:#FF759F }
```

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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