

# Converting Colors

Hex(F5719F)

Have a look what the booklet for  
Hex(F5719F) contains.

|                                                |    |
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**Color**

**Hex(F5719F)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | F5719F                     |
| RGB         | 245, 113, 159              |
| RGB Percent | 96%, 44%, 62%              |
| CMY         | 0.0392, 0.5569, 0.3765     |
| CMYK        | 0.00, 0.54, 0.35, 0.04     |
| HSL         | 339°, 87%, 70%             |
| HSV         | 339°, 54%, 96%             |
| XYZ         | 49.8193, 33.7259, 36.6849  |
| YIQ         | 157.7120, 63.9060, 42.2900 |

# Conversions

## Conversions Part 2

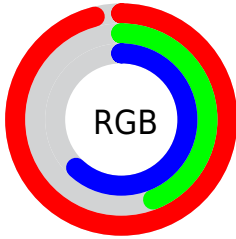
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 245, 113, 159                |
| Decimal                             | 16085407                     |
| CIE <sub>Lab</sub>                  | 64.74, 55.10, 0.05           |
| CIE <sub>LCh</sub>                  | 65, 55.104, 0.049            |
| Yxy                                 | 33.7259, 0.4144,<br>0.2805   |
| Android<br>(android.graphics.Color) | 4294275487<br>(0xFFFF5719F)  |
| YUV                                 | 157.7120, 0.6350,<br>76.5516 |
| Hunter-Lab                          | 58.0740, 51.4982,<br>3.1988  |

# Details

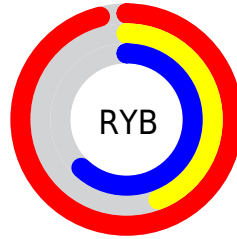
The Hex color **F5719F** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **71F5C7**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFA9D6**, and **B9396C** is the 20% darker color. If you saturate the color by 10%, you get **F5598F**, and if you desaturate by 10%, it is **F58AAF**.

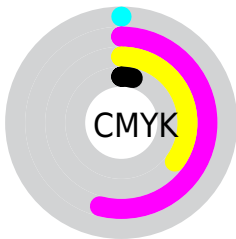
# Distribution



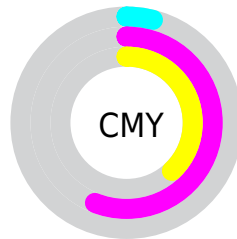
- Red (96%)
- Green (44%)
- Blue (62%)



- Red (96%)
- Yellow (44%)
- Blue (62%)



- Cyan (0%)
- Magenta (54%)
- Yellow (35%)
- Black (4%)



- Cyan (4%)
- Magenta (56%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F5719F 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 F5719F by changing the saturation by 10% instead.



 F5719F

 F5719F

FFFFFF

 D75585

 FFA9D6

 B9396C

 FFC5F2

 9C1954

 FFE2FF

 7F003D

 630027

 470012

 2C0001

 000000

 F5719F

 F5719F

 F5598F

 F58AAF

 F5407F

 F5A2BF

 F5286F

 F5BBCF

 F50F5F

 F5D3DF

 F50055

 F5ECEF

 F5FFFF

# Harmonies

## Analogous

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



D97CCF



F5719F



F5776F

# Triad

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



F5719F



87A943



00AFF2

# Complementary

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



F5719F



71F5C7

# 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.



00B5CD



F5719F



42B16A

# Square

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



F5719F



B89B34



00B59C



2AA2FF

# Rectangle

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



F5719F



E88253



00B59C



00B1E8



# Sweetspot

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



F5719F



FFD6E4



C771F5



806770



000000



808080



# Same Dimension

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



F5719F



FF5993



F58571



7A6E72



BA0041



3B0014



# Inverse Universe

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



F5719F



FF5993



71E1F5



7A6E72



BA0041



3B0014



# Previews

## White Background



This preview shows how the Hex color F5719F looks on a white background.

## Color Contrast Check

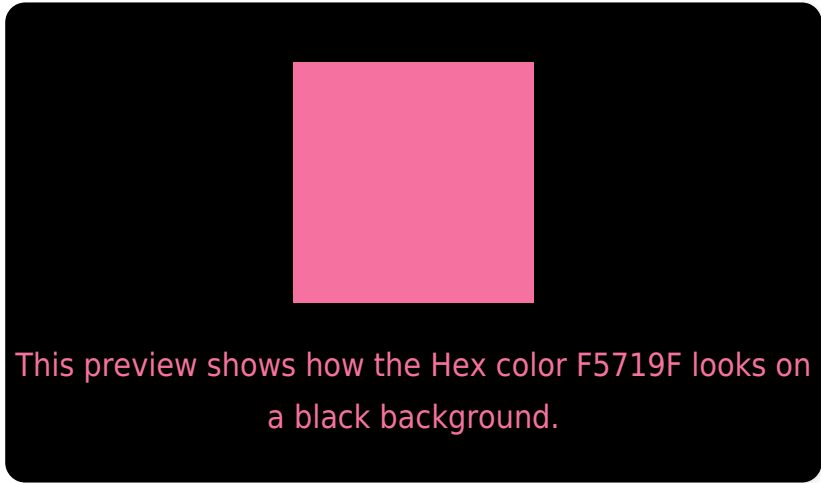
Large Text (above 18pt) WCAG AA × Fail

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 F5719F Background



This preview shows how black text looks on a background with the Hex color F5719F.

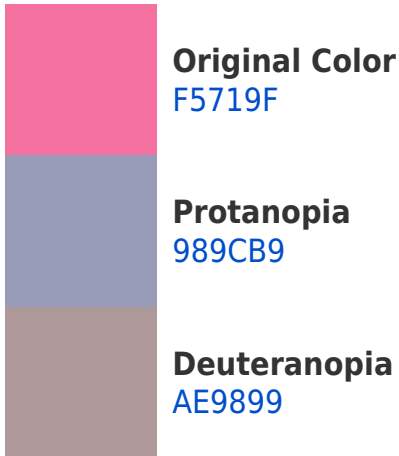


This preview shows how white text looks on a background with the Hex color F5719F.

# 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**  
F2777F

# Trichromacy



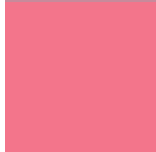
**Original Color**  
F5719F



**Protanomaly**  
BA8CB0



**Deuteranomaly**  
C88A9B



**Tritanomaly**  
F3758B

# Monochromacy



**Original Color**  
F5719F



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
BE8E9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F5719F 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 #F5719F looks like.

```
.text, #text, p{  
    color:#F5719F  
}
```

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 #F5719F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5719F
}
```

## Border

The CSS property to change the border of an element to Hex F5719F 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
#F5719F }
```

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

```
.border{ border-color:#F5719F }
```

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

Here you see how a box with a 4 pixel #F5719F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5719F; -webkit-box-shadow:4px 4px  
4px 4px #F5719F; box-shadow:4px 4px 4px  
4px #F5719F }
```

# Background

The CSS property to change the background color of an element to Hex F5719F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5719F }
```

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

```
.background{ background-color:#F5719F }
```

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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