

# Converting Colors

Hex(F59FCF)

Have a look what the booklet for  
Hex(F59FCF) contains.

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# **Color**

**Hex(F59FCF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F59FCF
RGB	245, 159, 207
RGB Percent	96%, 62%, 81%
CMY	0.0392, 0.3765, 0.1882
CMYK	0.00, 0.35, 0.16, 0.04
HSL	327°, 81%, 79%
HSV	327°, 35%, 96%
XYZ	61.3168, 48.7137, 65.2024
YIQ	190.1860, 35.8480, 33.1600

# Conversions

## Conversions Part 2

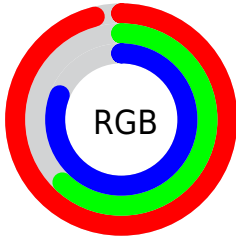
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 159, 207
Decimal	16097231
CIE <sub>Lab</sub>	75.27, 38.62, -11.21
CIE <sub>LCh</sub>	75, 40.210, 343.812
Yxy	48.7137, 0.3499, 0.2780
Android (android.graphics.Color)	4294287311 (0xFFFF59FCF)
YUV	190.1860, 8.2893, 48.0719
Hunter-Lab	69.7952, 34.6749, -6.5318

# Details

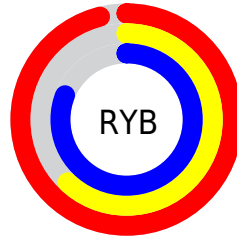
The Hex color **F59FCF** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **9FF5C5**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFD7FF**, and **BB6A99** is the 20% darker color. If you saturate the color by 10%, you get **F587C4**, and if you desaturate by 10%, it is **F5B8DA**.

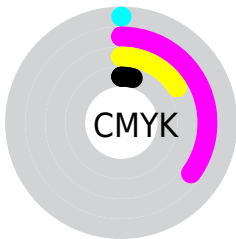
# Distribution



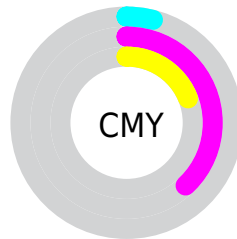
- Red (96%)
- Green (62%)
- Blue (81%)



- Red (96%)
- Yellow (62%)
- Blue (81%)



- Cyan (0%)
- Magenta (35%)
- Yellow (16%)
- Black (4%)



- Cyan (4%)
- Magenta (38%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F59FCF 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 F59FCF by changing the saturation by 10% instead.



 F59FCF

 F59FCF

FFFFFF

 D884B3

 FFD7FF

 BB6A99

 FFF4FF

 9F507F

 843766

 6A1E4E

 500037

 370021

 1F0008

 000000

 F59FCF

 F59FCF

 F587C4

 F5B8DA

 F56EB9

 F5D0E5

 F556AF

 F5E9EF

 F53DA4

 F5FFFA

 F52499

 F5FFFF

 F50C8E

 F50089

# Harmonies

## Analogous

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



D3AAEF



F59FCF



FF9DA9

# Triad

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



F59FCF



C1BD70



1DCAEC

# Complementary

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



F59FCF



9FF5C5

# 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.



32CDCA



F59FCF



97C683

# Square

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



F59FCF



E3B072



69CCA3



60C3FF

# Rectangle

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



F59FCF



FFA192



69CCA3



14CCE1



# Sweetspot

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



F59FCF



FFE3F3



C49FF5



806F78



000000



808080



# Same Dimension

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



F59FCF



FF94D0



F59FA5



7A6E75



BA0068



3B0021



# Inverse Universe

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



F59FCF



FF94D0



9FF5EF



7A6E75



BA0068



3B0021



# Previews

## White Background



This preview shows how the Hex color F59FCF looks on a white background.

## Color Contrast Check

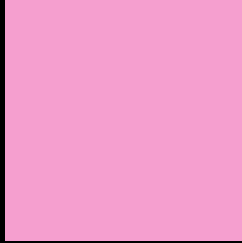
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color F59FCF looks on a 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 F59FCF Background



This preview shows how black text looks on a background with the Hex color F59FCF.



This preview shows how white text looks on a background with the Hex color F59FCF.

# 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**  
F2A4B1

# Trichromacy



**Original Color**  
F59FCF



**Protanomaly**  
CAAFD9



**Deuteranomaly**  
D6ADCC

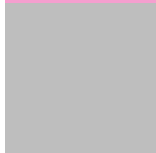


**Tritanomaly**  
F3A2BC

# Monochromacy



**Original Color**  
F59FCF



**Achromatopsia**  
BEBEBE



**Achromatomaly**  
D2B3C4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F59FCF 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 #F59FCF looks like.

```
.text, #text, p{  
    color:#F59FCF  
}
```

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 #F59FCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F59FCF
}
```

## Border

The CSS property to change the border of an element to Hex F59FCF 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
#F59FCF }
```

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

```
.border{ border-color:#F59FCF }
```

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

Here you see how a box with a 4 pixel #F59FCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F59FCF; -webkit-box-shadow:4px 4px  
4px 4px #F59FCF; box-shadow:4px 4px 4px  
4px #F59FCF }
```

# Background

The CSS property to change the background color of an element to Hex F59FCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F59FCF }
```

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

```
.background{ background-color:#F59FCF }
```

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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