

# Converting Colors

Hex(F939E5)

Have a look what the booklet for  
Hex(F939E5) contains.

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**Color**

**Hex(F939E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F939E5
RGB	249, 57, 229
RGB Percent	98%, 22%, 90%
CMY	0.0235, 0.7765, 0.1020
CMYK	0.00, 0.77, 0.08, 0.02
HSL	306°, 94%, 60%
HSV	306°, 77%, 98%
XYZ	54.6729, 28.7231, 76.7913
YIQ	134.0160, 59.2200, 94.1960

# Conversions

## Conversions Part 2

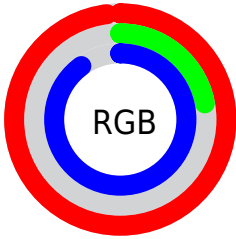
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	249, 57, 229
Decimal	16333285
CIE <sub>Lab</sub>	60.54, 85.93, -46.07
CIE <sub>LCh</sub>	61, 97.499, 331.805
Yxy	28.7231, 0.3413, 0.1793
Android (android.graphics.Color)	4294523365 (0xFFFF939E5)
YUV	134.0160, 46.8271, 100.8410
Hunter-Lab	53.5940, 88.3041, -47.4370

# Details

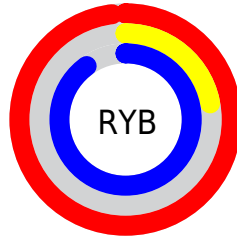
The Hex color **F939E5** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **39F94D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF7CFF**, and **BC00AD** is the 20% darker color. If you saturate the color by 10%, you get **F920E2**, and if you desaturate by 10%, it is **F952E8**.

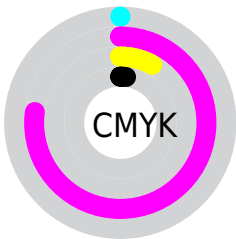
# Distribution



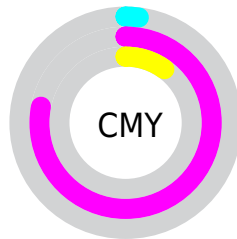
- Red (98%)
- Green (22%)
- Blue (90%)



- Red (98%)
- Yellow (22%)
- Blue (90%)



- Cyan (0%)
- Magenta (77%)
- Yellow (8%)
- Black (2%)



- Cyan (2%)
- Magenta (78%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F939E5 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 F939E5 by changing the saturation by 10% instead.



 F939E5

 F939E5

FFFFFF

 DA00C9

 FF7CFF

 BC00AD

 FF9BFF

 9E0092

 FFB9FF

 810078

 FFD8FF

 64005E

 FFF6FF

 490046

 2B002E

 000018

 000000

 F939E5

 F939E5

 F920E2

 F952E8

 F907E0

 F96BEA

 F900DF

 F984ED

 F99DEF

 F9B5F2

 F9CEF5

 F9E7F7

 F9FFFA

 F9FFFC

# Harmonies

## Analogous

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



8978FF



F939E5



FF0091

# Triad

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



F939E5



AD9100



00B5EB

# Complementary

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



F939E5



39F94D

# 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.



00B595



F939E5



51A600

# Square

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



F939E5



EF6B00



00B037



00AFFF

# Rectangle

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



F939E5



FF0059



00B037



00B5D0



# Sweetspot

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



F939E5



FFC4F9



4C39F9



805C7C



000000



808080



# Same Dimension

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



F939E5



FF12E6



F93986



7D707C



BD00A9



3D0037



# Inverse Universe

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



F939E5



FF12E6



39F9AC



7D707C



BD00A9



3D0037



# Previews

## White Background



This preview shows how the Hex color F939E5 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F939E5 Background



This preview shows how black text looks on a background with the Hex color F939E5.

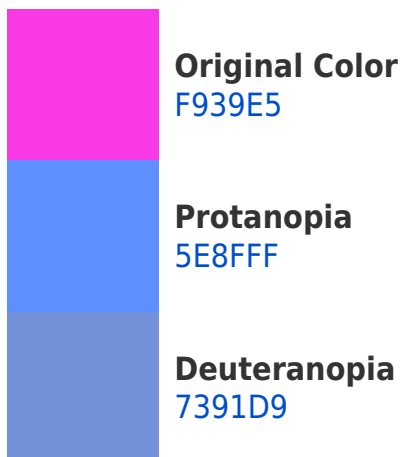



This preview shows how white text looks on a background with the Hex color F939E5.

# 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**  
ED666D

# Trichromacy



**Original Color**  
F939E5



**Protanomaly**  
9670F6



**Deuteranomaly**  
A471DD



**Tritanomaly**  
F15699

# Monochromacy



**Original Color**  
F939E5



**Achromatopsia**  
868686



**Achromatomaly**  
B06AA9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F939E5 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 #F939E5 looks like.

```
.text, #text, p{  
    color:#F939E5  
}
```

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 #F939E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F939E5
}
```

## Border

The CSS property to change the border of an element to Hex F939E5 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
#F939E5 }
```

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

```
.border{ border-color:#F939E5 }
```

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

Here you see how a box with a 4 pixel #F939E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F939E5; -webkit-box-shadow:4px 4px  
4px 4px #F939E5; box-shadow:4px 4px 4px  
4px #F939E5 }
```

# Background

The CSS property to change the background color of an element to Hex F939E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F939E5 }
```

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

```
.background{ background-color:#F939E5 }
```

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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