

# Converting Colors

Hex(F849EC)

Have a look what the booklet for  
Hex(F849EC) contains.

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# Color

Hex(F849EC)

# Conversions

## Conversions Part 1

Format	Color
Hex	F849EC
RGB	248, 73, 236
RGB Percent	97%, 29%, 93%
CMY	0.0275, 0.7137, 0.0745
CMYK	0.00, 0.71, 0.05, 0.03
HSL	304°, 93%, 63%
HSV	304°, 71%, 97%
XYZ	56.2343, 30.7777, 82.3337
YIQ	143.9070, 51.9770, 87.7930

# Conversions

## Conversions Part 2

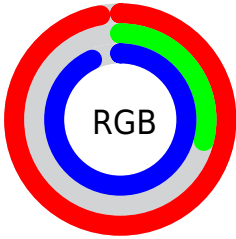
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 73, 236
Decimal	16271852
CIE <sub>Lab</sub>	62.32, 82.17, -47.18
CIE <sub>LCh</sub>	62, 94.746, 330.138
Yxy	30.7777, 0.3321, 0.1817
Android (android.graphics.Color)	4294461932 (0xFFFF849EC)
YUV	143.9070, 45.4018, 91.2896
Hunter-Lab	55.4776, 83.8486, -49.1572

# Details

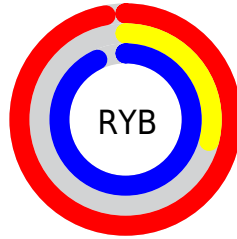
The Hex color **F849EC** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **49F855**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FF88FF**, and **BC00B3** is the 20% darker color. If you saturate the color by 10%, you get **F830EA**, and if you desaturate by 10%, it is **F862EE**.

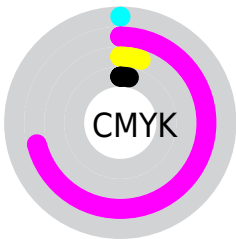
# Distribution



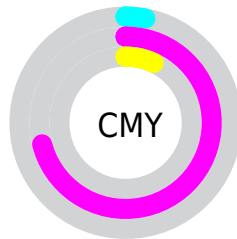
- Red (97%)
- Green (29%)
- Blue (93%)



- Red (97%)
- Yellow (29%)
- Blue (93%)



- Cyan (0%)
- Magenta (71%)
- Yellow (5%)
- Black (3%)



- Cyan (3%)
- Magenta (71%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F849EC 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 F849EC by changing the saturation by 10% instead.



 F849EC

 F849EC

FFFFFF

 DA21CF

 FF88FF

 BC00B3

 FFA6FF

 9E0098

 FFC4FF

 81007E

 FFE2FF

 640064

 49004C

 2C0034

 00001D

 000000

 F849EC

 F849EC

 F830EA

 F862EE

 F817E9

 F87BEF

 F800E7

 F893F1

 F8ACF3

 F8C5F5

 F8DEF6

 F8F7F8

 F8FFFA

 F8FFFB

# Harmonies

## Analogous

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



8780FF



F849EC



FF009A

# Triad

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



F849EC



B69400



00BAEA

# Complementary

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



F849EC



49F855

# 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.



00B995



F849EC



60A900

# Square

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



F849EC



F66F00



00B43A



00B4FF

# Rectangle

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



F849EC



FF1C63



00B43A



00BACF



# Sweetspot

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



F849EC



FFC9FB



5549F8



80607D



000000



808080



# Same Dimension

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



F849EC



FF26F0



F84995



7D707C



BD00B0



3D0039



# Inverse Universe

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



F849EC



FF26F0



49F8AC



7D707C



BD00B0

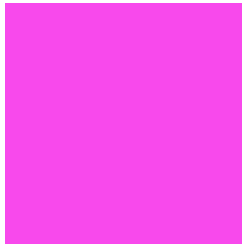


3D0039



# Previews

## White Background



This preview shows how the Hex color F849EC looks on a white background.

## Color Contrast Check

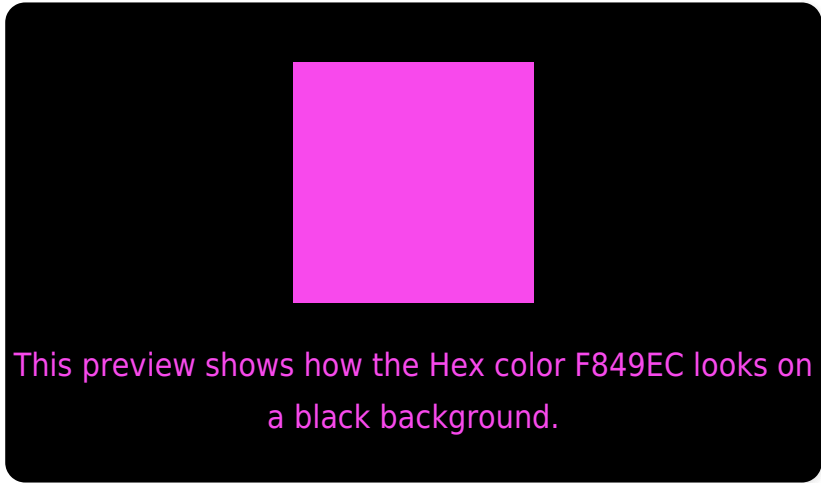
Large Text (above 18pt) WCAG AA × Fail

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 F849EC Background



This preview shows how black text looks on a background with the Hex color F849EC.



This preview shows how white text looks on a background with the Hex color F849EC.

# 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**  
EB6F77

# Trichromacy



**Original Color**  
F849EC



**Protanomaly**  
9C79F8



**Deuteranomaly**  
A57AE4



**Tritanomaly**  
F061A2

# Monochromacy



**Original Color**  
F849EC



**Achromatopsia**  
909090



**Achromatomaly**  
B676B1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F849EC 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 #F849EC looks like.

```
.text, #text, p{  
    color:#F849EC  
}
```

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 #F849EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F849EC
}
```

## Border

The CSS property to change the border of an element to Hex F849EC 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
#F849EC }
```

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

```
.border{ border-color:#F849EC }
```

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

Here you see how a box with a 4 pixel #F849EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F849EC; -webkit-box-shadow:4px 4px  
4px 4px #F849EC; box-shadow:4px 4px 4px  
4px #F849EC }
```

# Background

The CSS property to change the background color of an element to Hex F849EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F849EC }
```

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

```
.background{ background-color:#F849EC }
```

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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