

# Converting Colors

Hex(F679EC)

Have a look what the booklet for  
Hex(F679EC) contains.

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**Color**

**Hex(F679EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F679EC
RGB	246, 121, 236
RGB Percent	96%, 47%, 93%
CMY	0.0353, 0.5255, 0.0745
CMYK	0.00, 0.51, 0.04, 0.04
HSL	305°, 87%, 72%
HSV	305°, 51%, 96%
XYZ	59.9837, 39.3237, 83.7856
YIQ	171.4850, 37.5850, 62.2650

# Conversions

## Conversions Part 2

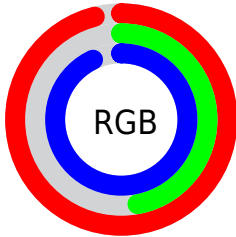
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	246, 121, 236
Decimal	16153068
CIE Lab	68.99, 62.56, -36.75
CIE LCh	69, 72.558, 329.572
Yxy	39.3237, 0.3276, 0.2148
Android (android.graphics.Color)	4294343148 (0xFFFF679EC)
YUV	171.4850, 31.8059, 65.3497
Hunter-Lab	62.7086, 61.0035, -35.3219

# Details

The Hex color **F679EC** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **79F683**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFB1FF**, and **BB40B4** is the 20% darker color. If you saturate the color by 10%, you get **F660EA**, and if you desaturate by 10%, it is **F692EE**.

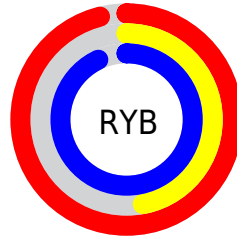
# Distribution



Red (96%)

Green (47%)

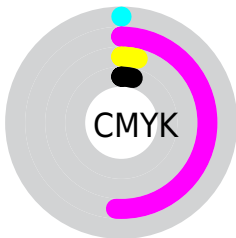
Blue (93%)



Red (96%)

Yellow (47%)

Blue (93%)

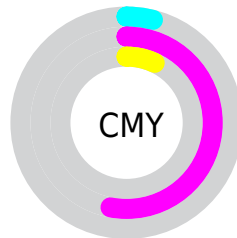


Cyan (0%)

Magenta (51%)

Yellow (4%)

Black (4%)



Cyan (4%)

Magenta (53%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F679EC 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 F679EC by changing the saturation by 10% instead.



 F679EC

FFFFFF

 FFB1FF

 FFCEFF

 FFECFF

 F679EC

 D85DD0

 BB40B4

 9E2099

 82007E

 670065

 4C004C

 340035

 11001F

 000001

 F679EC

 F679EC

 F660EA

 F692EE

 F648E8

 F6AAFO

 F62FE6

 F6C3F2

 F617E4

 F6DBF4

 F600E2

 F6F4F6

 F6FFF8

 F6FFFA

 F6FFFC

 F6FFFE

# Harmonies

## Analogous

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



A497FF



F679EC



FF66AC

# Triad

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



F679EC



C9A500



00C6E8

# Complementary

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



F679EC



79F683

# 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.



00C7A5



F679EC



88B725

# Square

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



F679EC



FB8B33



00C262



00C0FF

# Rectangle

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



F679EC



FF6A80



00C262



00C7D3



# Sweetspot

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



F679EC



FFD9FC



8179F6



80697E



000000



808080



# Same Dimension

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



F679EC



FF63F3



F679AF



7A6E79



BA00AB



3B0036



# Inverse Universe

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



F679EC



FF63F3



79F6C0



7A6E79



BA00AB



3B0036



# Previews

## White Background



This preview shows how the Hex color F679EC looks on a white background.

## Color Contrast Check

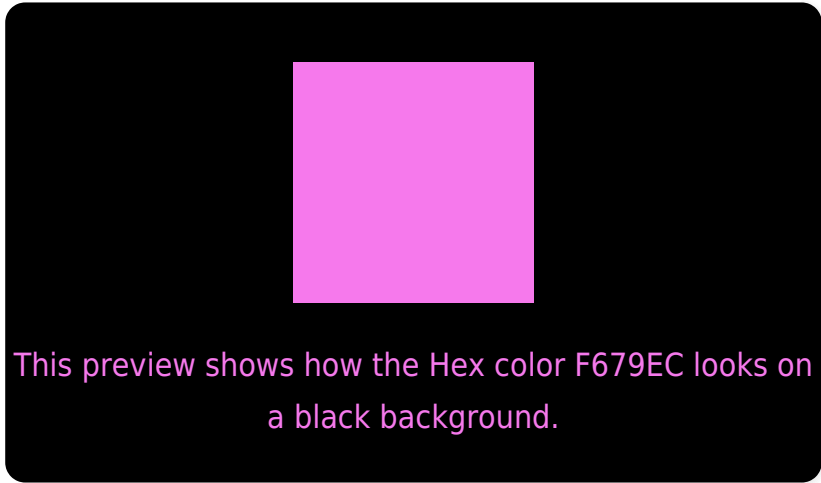
Large Text (above 18pt) WCAG AA × Fail

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 F679EC Background



This preview shows how black text looks on a background with the Hex color F679EC.



This preview shows how white text looks on a background with the Hex color F679EC.

# 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**  
EC8D98

# Trichromacy



**Original Color**  
F679EC



**Protanomaly**  
B196F8



**Deuteranomaly**  
BA96E7



**Tritanomaly**  
F086B7

# Monochromacy



**Original Color**  
F679EC



**Achromatopsia**  
ABABAB



**Achromatomaly**  
C699C3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F679EC 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 #F679EC looks like.

```
.text, #text, p{  
    color:#F679EC  
}
```

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 #F679EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F679EC
}
```

## Border

The CSS property to change the border of an element to Hex F679EC 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
#F679EC }
```

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

```
.border{ border-color:#F679EC }
```

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

Here you see how a box with a 4 pixel #F679EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F679EC; -webkit-box-shadow:4px 4px  
4px 4px #F679EC; box-shadow:4px 4px 4px  
4px #F679EC }
```

# Background

The CSS property to change the background color of an element to Hex F679EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F679EC }
```

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

```
.background{ background-color:#F679EC }
```

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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