

# Converting Colors

Hex(EF8CEF)

Have a look what the booklet for  
Hex(EF8CEF) contains.

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# **Color**

**Hex(EF8CEF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EF8CEF
RGB	239, 140, 239
RGB Percent	94%, 55%, 94%
CMY	0.0627, 0.4510, 0.0627
CMYK	0.00, 0.41, 0.00, 0.06
HSL	300°, 76%, 74%
HSV	300°, 41%, 94%
XYZ	60.5547, 43.3389, 86.8350
YIQ	180.8870, 27.2250, 51.7770

# Conversions

## Conversions Part 2

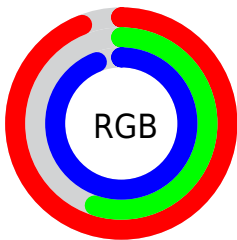
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	239, 140, 239
Decimal	15699183
CIE Lab	71.78, 51.85, -34.12
CIE LCh	72, 62.072, 326.657
Yxy	43.3389, 0.3175, 0.2272
Android (android.graphics.Color)	4293889263 (0xFFEF8CEF)
YUV	180.8870, 28.6497, 50.9651
Hunter-Lab	65.8323, 48.9836, -32.1229

# Details

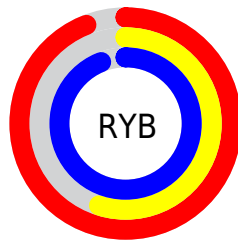
The Hex color **EF8CEF** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **8CEF8C**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFC4FF**, and **B556B7** is the 20% darker color. If you saturate the color by 10%, you get **EF74EF**, and if you desaturate by 10%, it is **EFA4EF**.

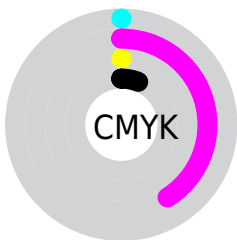
# Distribution



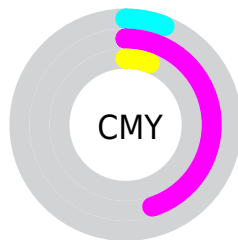
- Red (94%)
- Green (55%)
- Blue (94%)



- Red (94%)
- Yellow (55%)
- Blue (94%)



- Cyan (0%)
- Magenta (41%)
- Yellow (0%)
- Black (6%)



- Cyan (6%)
- Magenta (45%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EF8CEF 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 EF8CEF by changing the saturation by 10% instead.



 EF8CEF

FFFFFF

 FFC4FF

 FFE0FF

FFFEFF

 EF8CEF

 D271D3

 B556B7


 993C9C

 7E1F81

 630068

 49004F

 310038

 110022

 000007

 EF8CEF

 EF8CEF

 EF74EF

 EFA4EF

 EF5CEF

 EFBCEF

 EF44EF

 EFD4EF

 EF2CEF

 EFECEF

 EF14EF

 EFFFEF

 EF00EF

# Harmonies

## Analogous

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



A7A4FF



EF8CEF



FF7DB9

# Triad

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



EF8CEF



D4AB37



00CBE1

# Complementary

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



EF8CEF



8CEF8C

# 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.



00CBA7



EF8CEF



9DBC43

# Square

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



EF8CEF



FF9551



51C66F



00C5FF

# Rectangle

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



EF8CEF



FF7E93



51C66F



00CCCF



# Sweetspot

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



EF8CEF



FFE0FF



8C8CEF



806E80



000000



808080



# Same Dimension

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



EF8CEF



FF80FF



EF8CBD



786C78



B800B8



380038



# Inverse Universe

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



EF8CEF



FF80FF



8CEFBD



786C78



B800B8



380038



# Previews

## White Background



This preview shows how the Hex color EF8CEF looks on a white background.

## Color Contrast Check

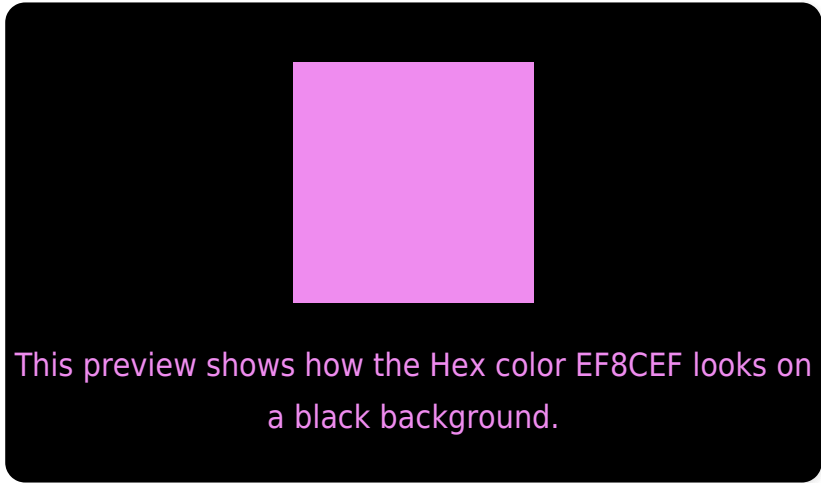
Large Text (above 18pt) WCAG AA × Fail

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 EF8CEF Background



This preview shows how black text looks on a background with the Hex color EF8CEF.

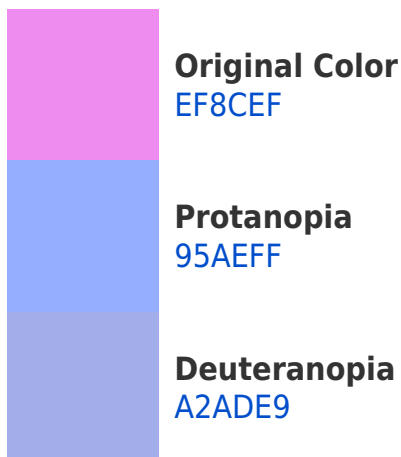


This preview shows how white text looks on a background with the Hex color EF8CEF.

# 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**  
E69CA7

# Trichromacy



**Original Color**  
EF8CEF



**Protanomaly**  
B6A2F9



**Deuteranomaly**  
BEA1EB



**Tritanomaly**  
E996C1

# Monochromacy



**Original Color**  
EF8CEF



**Achromatopsia**  
B5B5B5



**Achromatomaly**  
CAA6CA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EF8CEF 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 #EF8CEF looks like.

```
.text, #text, p{  
    color:#EF8CEF  
}
```

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 #EF8CEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF8CEF
}
```

## Border

The CSS property to change the border of an element to Hex EF8CEF 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
#EF8CEF }
```

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

```
.border{ border-color:#EF8CEF }
```

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

Here you see how a box with a 4 pixel #EF8CEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF8CEF; -webkit-box-shadow:4px 4px  
4px 4px #EF8CEF; box-shadow:4px 4px 4px  
4px #EF8CEF }
```

# Background

The CSS property to change the background color of an element to Hex EF8CEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF8CEF }
```

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

```
.background{ background-color:#EF8CEF }
```

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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