

# Converting Colors

Hex(FF8EEF)

Have a look what the booklet for  
Hex(FF8EEF) contains.

<b>Hex(FF8EEF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(F88EEF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF8EEF
RGB	255, 142, 239
RGB Percent	100%, 56%, 94%
CMY	0.0000, 0.4431, 0.0627
CMYK	0.00, 0.44, 0.06, 0.00
HSL	308°, 100%, 78%
HSV	308°, 44%, 100%
XYZ	66.4930, 46.8380, 87.1974
YIQ	186.8450, 36.2110, 54.1230

# Conversions

## Conversions Part 2

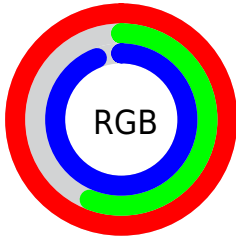
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	255, 142, 239
Decimal	16748271
CIE Lab	74.09, 55.56, -30.41
CIE LCh	74, 63.338, 331.309
Yxy	46.8380, 0.3316, 0.2336
Android (android.graphics.Color)	4294938351 (0xFFFF8EEF)
YUV	186.8450, 25.7124, 59.7719
Hunter-Lab	68.4383, 53.6593, -27.6348

# Details

The Hex color **FF8EEF** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **8EFF9E**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFC6FF**, and **C457B7** is the 20% darker color. If you saturate the color by 10%, you get **FF75EB**, and if you desaturate by 10%, it is **FFA8F3**.

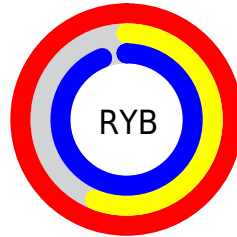
# Distribution



Red (100%)

Green (56%)

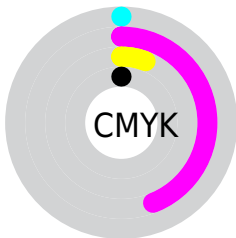
Blue (94%)



Red (100%)

Yellow (56%)

Blue (94%)

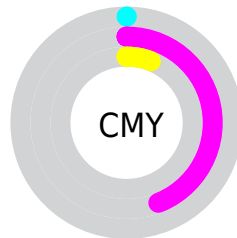


Cyan (0%)

Magenta (44%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (44%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF8EEF 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 FF8EEF by changing the saturation by 10% instead.



 FF8EEF

 FF8EEF

FFFFFF

 E173D3

 FFC6FF

 C457B7

 FFE3FF

 A83C9C

 8C1D81

 700068

 560050

 3C0038

 220022

 000007

 FF8EEF

 FF8EEF

 FF75EB

 FFA8F3

 FF5BE8

 FFC1F6

 FF42E4

 FFDBFA

 FF28E1

 FFF4FD

 FF0FDD

FFFFFF

 FF00DB

# Harmonies

## Analogous

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



BBA6FF



FF8EEF



FF81B6

# Triad

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



FF8EEF



D3B439



00D2F1

# Complementary

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



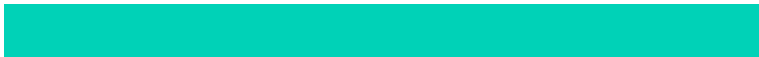
FF8EEF



8EFF9E

# 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.



00D2B7



FF8EEF



98C44C

# Square

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



FF8EEF



FF9E4F



43CE7C



00CAFF

# Rectangle

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



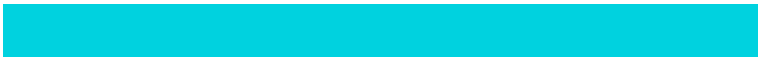
FF8EEF



FF848F



43CE7C



00D2DF



# Sweetspot

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



FF8EEF



FFDEFA



9D8EFF



806B7D



000000



808080



# Same Dimension

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



FF8EEF



FF78EC



FF8EB7



80737E



BF00A4



400037



# Inverse Universe

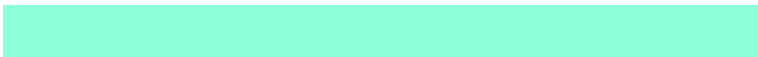
The Inverse Universe completely reimagines the original color for something new.



FF8EEF



FF78EC



8EFFD6



80737E



BF00A4



400037



# Previews

## White Background



This preview shows how the Hex color FF8EEF looks on a white background.

## Color Contrast Check

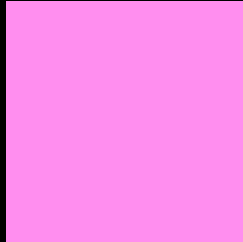
Large Text (above 18pt) WCAG AA × Fail

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 FF8EEF 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 FF8EEF Background



This preview shows how black text looks on a background with the Hex color FF8EEF.



This preview shows how white text looks on a background with the Hex color FF8EEF.

# 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**  
F79DA9

# Trichromacy



**Original Color**  
FF8EEF



**Protanomaly**  
C2A6F9



**Deuteranomaly**  
CBA6EB



**Tritanomaly**  
FA98C2

# Monochromacy



**Original Color**  
FF8EEF



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
D4ABCE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF8EEF 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 #FF8EEF looks like.

```
.text, #text, p{  
    color:#FF8EEF  
}
```

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 #FF8EEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8EEF
}
```

## Border

The CSS property to change the border of an element to Hex FF8EEF 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
#FF8EEF }
```

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

```
.border{ border-color:#FF8EEF }
```

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

Here you see how a box with a 4 pixel #FF8EEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8EEF; -webkit-box-shadow:4px 4px  
4px 4px #FF8EEF; box-shadow:4px 4px 4px  
4px #FF8EEF }
```

# Background

The CSS property to change the background color of an element to Hex FF8EEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8EEF }
```

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

```
.background{ background-color:#FF8EEF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor