

# Converting Colors

Hex(FF8CEE)

Have a look what the booklet for  
Hex(FF8CEE) contains.

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# Color

**Hex(F8CEE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF8CEE
RGB	255, 140, 238
RGB Percent	100%, 55%, 93%
CMY	0.0000, 0.4510, 0.0667
CMYK	0.00, 0.45, 0.07, 0.00
HSL	309°, 100%, 77%
HSV	309°, 45%, 100%
XYZ	66.0507, 46.1892, 86.3231
YIQ	185.5570, 37.0820, 54.8580

# Conversions

## Conversions Part 2

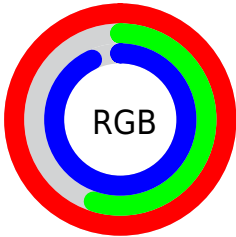
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 140, 238
Decimal	16747758
CIE Lab	73.67, 56.38, -30.51
CIE LCh	74, 64.100, 331.582
Yxy	46.1892, 0.3326, 0.2326
Android (android.graphics.Color)	4294937838 (0xFFFF8CEE)
YUV	185.5570, 25.8544, 60.9015
Hunter-Lab	67.9626, 54.5437, -27.7336

# Details

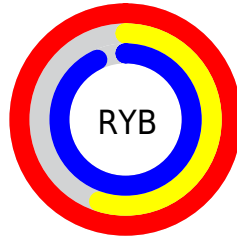
The Hex color **FF8CEE** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **8CFF9D**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFC4FF**, and **C455B6** is the 20% darker color. If you saturate the color by 10%, you get **FF73EA**, and if you desaturate by 10%, it is **FFA6F2**.

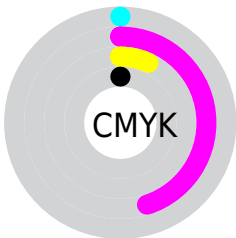
# Distribution



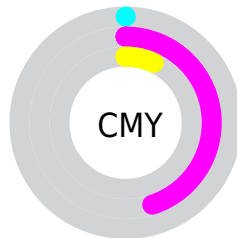
- Red (100%)
- Green (55%)
- Blue (93%)



- Red (100%)
- Yellow (55%)
- Blue (93%)



- Cyan (0%)
- Magenta (45%)
- Yellow (7%)
- Black (0%)



- Cyan (0%)
- Magenta (45%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF8CEE 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 FF8CEE by changing the saturation by 10% instead.



 FF8CEE

 FF8CEE

FFFFFF

 E171D2

 FFC4FF

 C455B6

 FFE1FF

 A8399B

 8C1A81

 700067

 55004F

 3C0037

 220021

 000006

 FF8CEE

 FF8CEE

 FF73EA

 FFA6F2

 FF59E6

 FFBFF6

 FF40E3

 FFD9F9

 FF26DF

 FFF2FD

 FF0DDB

FFFFFF

 FF00D9

# Harmonies

## Analogous

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



BBA4FF



FF8CEE



FF7FB4

# Triad

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



FF8CEE



D2B336



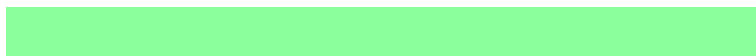
00D1F1

# Complementary

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



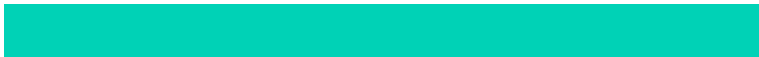
FF8CEE



8CFF9D

# 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.



00D2B6



FF8CEE



96C34A

# Square

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



FF8CEE



FF9D4C



3DCD7A



00C9FF

# Rectangle

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



FF8CEE



FF828D



3DCD7A



00D1DF



# Sweetspot

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



FF8CEE



FFDBFA



9B8CFF



806A7C



000000



808080



# Same Dimension

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



FF8CEE



FF75EB



FF8CB6



80737E



BF00A3



400036



# Inverse Universe

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



FF8CEE



FF75EB



8CFFD5



80737E



BF00A3



400036



# Previews

## White Background



This preview shows how the Hex color FF8CEE looks on a white background.

## Color Contrast Check

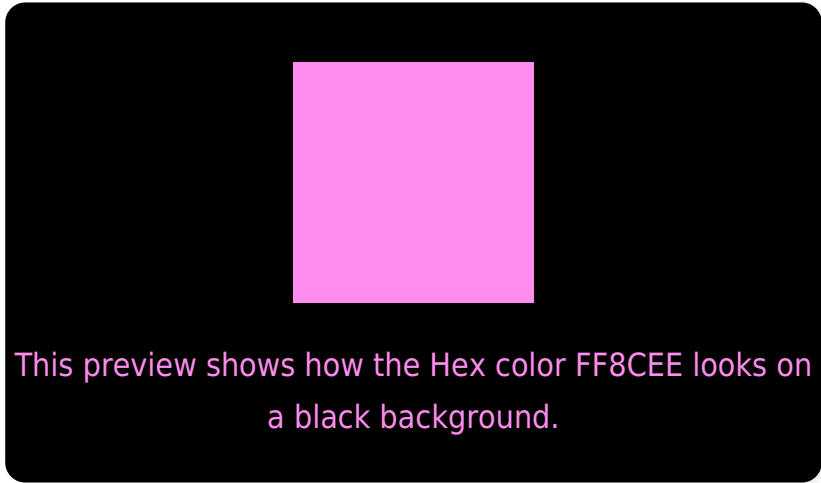
Large Text (above 18pt) WCAG AA × Fail

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 FF8CEE Background



This preview shows how black text looks on a background with the Hex color FF8CEE.



This preview shows how white text looks on a background with the Hex color FF8CEE.

# 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**  
F79BA7

# Trichromacy



**Original Color**  
FF8CEE



**Protanomaly**  
C1A5F9



**Deuteranomaly**  
CBA4EA



**Tritanomaly**  
FA96C1

# Monochromacy



**Original Color**  
FF8CEE



**Achromatopsia**  
BABABA



**Achromatomaly**  
D3A9CD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF8CEE 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 #FF8CEE looks like.

```
.text, #text, p{  
    color:#FF8CEE  
}
```

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 #FF8CEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8CEE
}
```

## Border

The CSS property to change the border of an element to Hex FF8CEE 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
#FF8CEE }
```

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

```
.border{ border-color:#FF8CEE }
```

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

Here you see how a box with a 4 pixel #FF8CEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8CEE; -webkit-box-shadow:4px 4px  
4px 4px #FF8CEE; box-shadow:4px 4px 4px  
4px #FF8CEE }
```

# Background

The CSS property to change the background color of an element to Hex FF8CEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8CEE }
```

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

```
.background{ background-color:#FF8CEE }
```

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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