

# Converting Colors

Hex(FF8ECA)

Have a look what the booklet for  
Hex(FF8ECA) contains.

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# **Color**

**Hex(F8E8CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF8ECA
RGB	255, 142, 202
RGB Percent	100%, 56%, 79%
CMY	0.0000, 0.4431, 0.2078
CMYK	0.00, 0.44, 0.21, 0.00
HSL	328°, 100%, 78%
HSV	328°, 44%, 100%
XYZ	61.5737, 44.8703, 61.2927
YIQ	182.6270, 48.0880, 42.6160

# Conversions

## Conversions Part 2

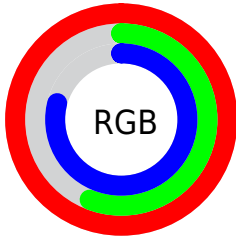
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 142, 202
Decimal	16748234
CIE Lab	72.81, 49.85, -12.02
CIE LCh	73, 51.279, 346.440
Yxy	44.8703, 0.3671, 0.2675
Android (android.graphics.Color)	4294938314 (0xFFFF8ECA)
YUV	182.6270, 9.5509, 63.4711
Hunter-Lab	66.9853, 46.8551, -7.3617

# Details

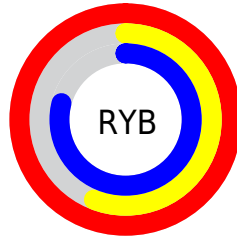
The Hex color **FF8ECA** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8EFFC3**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFC6FF**, and **C45894** is the 20% darker color. If you saturate the color by 10%, you get **FF75BE**, and if you desaturate by 10%, it is **FFA8D6**.

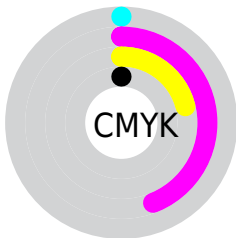
# Distribution



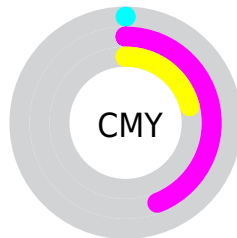
- Red (100%)
- Green (56%)
- Blue (79%)



- Red (100%)
- Yellow (56%)
- Blue (79%)



- Cyan (0%)
- Magenta (44%)
- Yellow (21%)
- Black (0%)



- Cyan (0%)
- Magenta (44%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF8ECA 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 FF8ECA by changing the saturation by 10% instead.



 FF8ECA

 FF8ECA

FFFFFF

 E173AF

 FFC6FF

 C45894

 FFE3FF

 A73D7A

 8B2161

 700049

 550033

 3C001E

 210001

 000000

 FF8ECA

 FF8ECA

 FF75BE

 FFA8D6

 FF5BB2

 FFC1E2

 FF42A6

 FFDBEE

 FF289A

 FFF4FA

 FF0F8E

FFFFFF

 FF0087

# Harmonies

## Analogous

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



D79CF4



FF8ECA



FF8C9B

# Triad

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



FF8ECA



B5B855



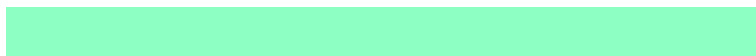
00C7F5

# Complementary

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



FF8ECA



8EFFC3

# 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.



00CBCC



FF8ECA



80C370

# Square

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



FF8ECA



E1A956



30C99B



00BEFF

# Rectangle

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



FF8ECA



FF937D



30C99B



00C9E9



# Sweetspot

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



FF8ECA



FFDEEF



C38EFF



806B76



000000



808080



# Same Dimension

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



FF8ECA



FF78C0



FF8E92



80737A



BF0066



400022



# Inverse Universe

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



FF8ECA



FF78C0



8EFFFF



80737A



BF0066



400022



# Previews

## White Background



This preview shows how the Hex color FF8ECA looks on a white background.

## Color Contrast Check

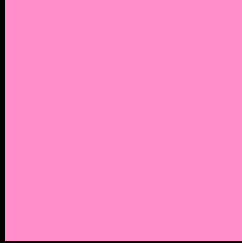
Large Text (above 18pt) WCAG AA × Fail

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 FF8ECA 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 FF8ECA Background



This preview shows how black text looks on a background with the Hex color FF8ECA.




This preview shows how white text looks on a background with the Hex color FF8ECA.

# 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**  
FB96A1

# Trichromacy



**Original Color**  
FF8ECA



**Protanomaly**  
C7A4D9



**Deuteranomaly**  
D4A2C6



**Tritanomaly**  
FC93B0

# Monochromacy



**Original Color**  
FF8ECA



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
D1A8BE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF8ECA 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 #FF8ECA looks like.

```
.text, #text, p{  
  color:#FF8ECA  
}
```

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 #FF8ECA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8ECA
}
```

## Border

The CSS property to change the border of an element to Hex FF8ECA 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
#FF8ECA }
```

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

```
.border{ border-color:#FF8ECA }
```

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

Here you see how a box with a 4 pixel #FF8ECA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8ECA; -webkit-box-shadow:4px 4px  
4px 4px #FF8ECA; box-shadow:4px 4px 4px  
4px #FF8ECA }
```

# Background

The CSS property to change the background color of an element to Hex FF8ECA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8ECA }
```

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

```
.background{ background-color:#FF8ECA }
```

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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