

# Converting Colors

Hex(FF98EA)

Have a look what the booklet for  
Hex(FF98EA) contains.

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# Color

**Hex(F998EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF98EA
RGB	255, 152, 234
RGB Percent	100%, 60%, 92%
CMY	0.0000, 0.4039, 0.0824
CMYK	0.00, 0.40, 0.08, 0.00
HSL	312°, 100%, 80%
HSV	312°, 40%, 100%
XYZ	67.3195, 49.6570, 83.8785
YIQ	192.1450, 35.0660, 47.3380

# Conversions

## Conversions Part 2

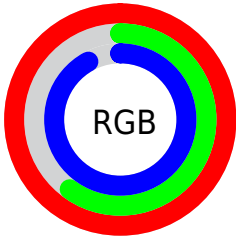
Format	Color
R <sub>Y</sub> B	255, 152, 234
Decimal	16750826
CIE Lab	75.86, 49.75, -24.97
CIE LCh	76, 55.666, 333.354
Yxy	49.6570, 0.3352, 0.2472
Android (android.graphics.Color)	4294940906 (0xFFFF98EA)
YUV	192.1450, 20.6345, 55.1238
Hunter-Lab	70.4677, 47.2069, -21.2462

# Details

The Hex color **FF98EA** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **98FFAD**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFD0FF**, and **C562B2** is the 20% darker color. If you saturate the color by 10%, you get **FF7FE5**, and if you desaturate by 10%, it is **FFB2EF**.

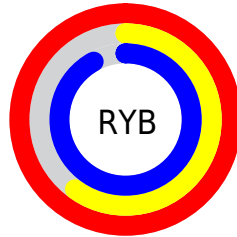
# Distribution



Red (100%)

Green (60%)

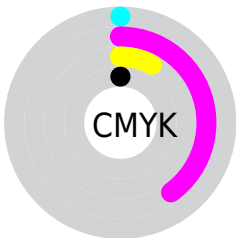
Blue (92%)



Red (100%)

Yellow (60%)

Blue (92%)

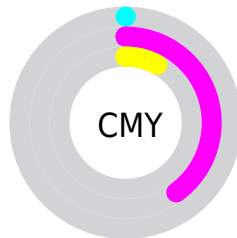


Cyan (0%)

Magenta (40%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF98EA 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 FF98EA by changing the saturation by 10% instead.



 FF98EA

 FF98EA

FFFFFF

 E17DCE


 FFD0FF

 C562B2

 FFEDFF

 A84897

 8C2C7D

 710B64

 57004C

 3D0035

 25001F

 000001

 FF98EA

 FF98EA

 FF7FE5

 FFB2EF

 FF65E0

 FFCBF4

 FF4CDA

 FFE5FA

 FF32D5

FFFEFF

 FF18D0

FFFFFF

 FF00CB

# Harmonies

## Analogous

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



C6ABFF



FF98EA



FF8FB7

# Triad

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



FF98EA



D4BA50



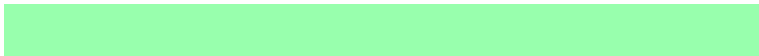
00D4F2

# Complementary

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



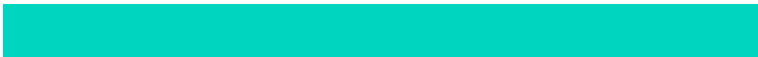
FF98EA



98FFAD

# 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.



00D5BF



FF98EA



9EC861

# Square

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



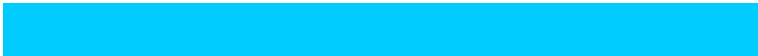
FF98EA



FEA85F



58D18B



00CCFF

# Rectangle

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



FF98EA



FF9295



58D18B



00D5E2



# Sweetspot

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



FF98EA



FFE0F9



AD98FF



806E7C



000000



808080



# Same Dimension

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



FF98EA



FF85E6



FF98B7



80737D



BF0098



400033



# Inverse Universe

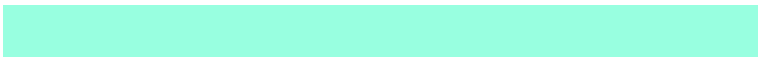
The Inverse Universe completely reimagines the original color for something new.



FF98EA



FF85E6



98FFE0



80737D



BF0098



400033



# Previews

## White Background



This preview shows how the Hex color FF98EA looks on a white background.

## Color Contrast Check

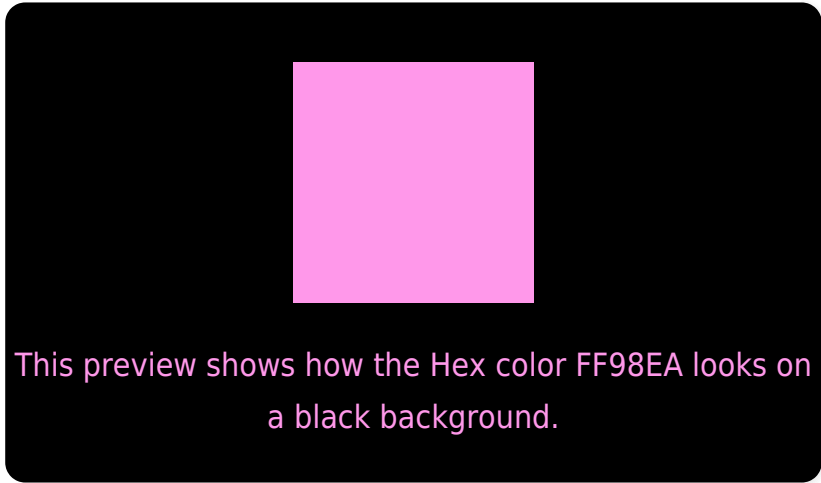
Large Text (above 18pt) WCAG AA × Fail

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 FF98EA Background



This preview shows how black text looks on a background with the Hex color FF98EA.

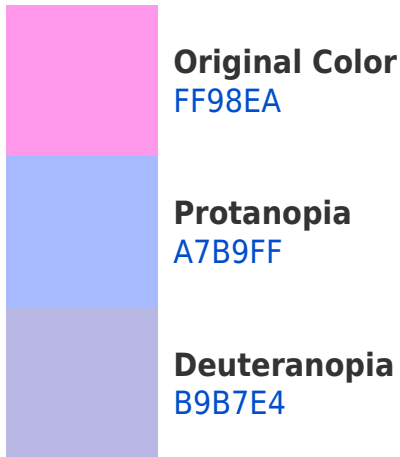


This preview shows how white text looks on a background with the Hex color FF98EA.

# 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**  
F8A4B0

# Trichromacy



**Original Color**  
FF98EA



**Protanomaly**  
C7ADF7



**Deuteranomaly**  
D2ACE6



**Tritanomaly**  
FBA0C5

# Monochromacy



**Original Color**  
FF98EA



**Achromatopsia**  
C0C0C0



**Achromatomaly**  
D7B1CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF98EA 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 #FF98EA looks like.

```
.text, #text, p{  
    color:#FF98EA  
}
```

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 #FF98EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF98EA
}
```

## Border

The CSS property to change the border of an element to Hex FF98EA 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
#FF98EA }
```

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

```
.border{ border-color:#FF98EA }
```

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

Here you see how a box with a 4 pixel #FF98EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF98EA; -webkit-box-shadow:4px 4px  
4px 4px #FF98EA; box-shadow:4px 4px 4px  
4px #FF98EA }
```

# Background

The CSS property to change the background color of an element to Hex FF98EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF98EA }
```

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

```
.background{ background-color:#FF98EA }
```

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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