

# Converting Colors

Hex(FF8AE0)

Have a look what the booklet for  
Hex(FF8AE0) contains.

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# **Color**

**Hex(F8AE0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF8AE0
RGB	255, 138, 224
RGB Percent	100%, 54%, 88%
CMY	0.0000, 0.4588, 0.1216
CMYK	0.00, 0.46, 0.12, 0.00
HSL	316°, 100%, 77%
HSV	316°, 46%, 100%
XYZ	63.7830, 44.8188, 75.8102
YIQ	182.7870, 42.1260, 51.5500

# Conversions

## Conversions Part 2

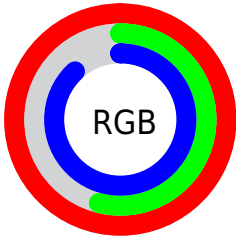
Format	Color
R <sub>Y</sub> B	255, 138, 224
Decimal	16747232
CIE Lab	72.77, 55.11, -24.21
CIE LCh	73, 60.192, 336.286
Yxy	44.8188, 0.3459, 0.2430
Android (android.graphics.Color)	4294937312 (0xFFFF8AE0)
YUV	182.7870, 20.3180, 63.3308
Hunter-Lab	66.9468, 52.9074, -20.2768

# Details

The Hex color **FF8AE0** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **8AFFA9**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFC2FF**, and **C453A9** is the 20% darker color. If you saturate the color by 10%, you get **FF71D9**, and if you desaturate by 10%, it is **FFA3E7**.

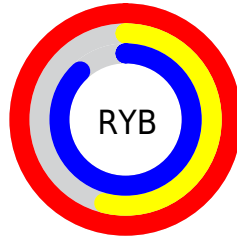
# Distribution



Red (100%)

Green (54%)

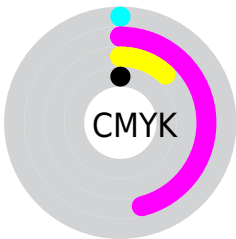
Blue (88%)



Red (100%)

Yellow (54%)

Blue (88%)

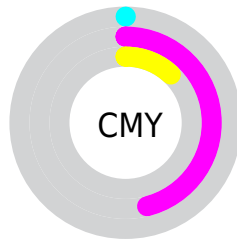


Cyan (0%)

Magenta (46%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (46%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF8AE0 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 FF8AE0 by changing the saturation by 10% instead.



 FF8AE0

 FF8AE0

FFFFFF

 E16FC4

 FFC2FF

 C453A9

 FFDFFF

 A7388E

 FFFCFF

 8B1874

 70005B

 550044

 3C002D

 210018

 000000

 FF8AE0

 FF8AE0

 FF71D9

 FFA3E7

 FF57D2

 FFBDEE

 FF3ECC

 FFD7F4

 FF24C5

 FFF0FB

 FF0BBE

FFFFFF

 FF00BB

# Harmonies

## Analogous

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



C59FFF



FF8AE0



FF81A9

# Triad

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



FF8AE0



C6B33E



00CCF2

# Complementary

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



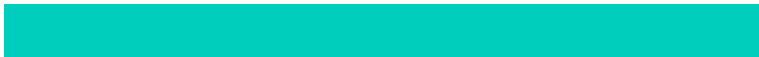
FF8AE0



8AFFA9

# 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.



00CEBD



FF8AE0



8CC255

# Square

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



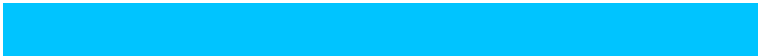
FF8AE0



F4A04C



32CB84



00C4FF

# Rectangle

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



FF8AE0



FF8685



32CB84



00CDE2



# Sweetspot

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



FF8AE0



FFDBF6



A78AFF



806A7A



000000



808080



# Same Dimension

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



FF8AE0



FF73DA



FF8AA7



80737C



BF008D



40002F



# Inverse Universe

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



FF8AE0



FF73DA



8AFFE2



80737C



BF008D



40002F



# Previews

## White Background



This preview shows how the Hex color FF8AE0 looks on a white background.

## Color Contrast Check

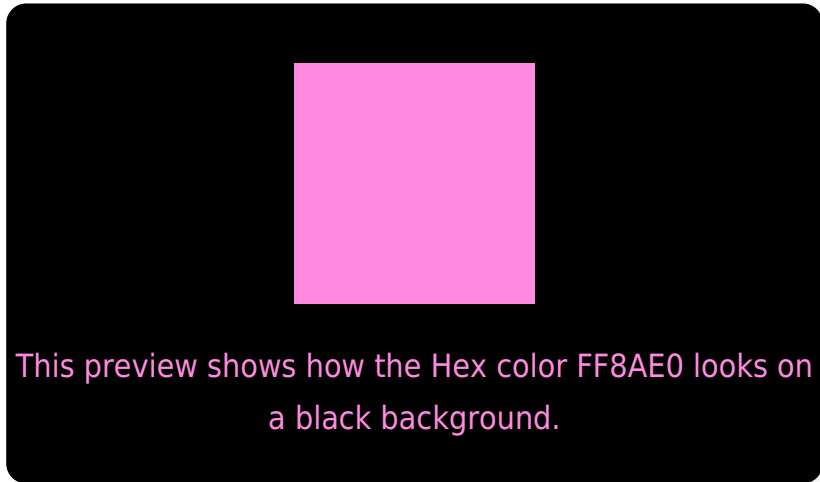
Large Text (above 18pt) WCAG AA × Fail

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 FF8AE0 Background



This preview shows how black text looks on a background with the Hex color FF8AE0.

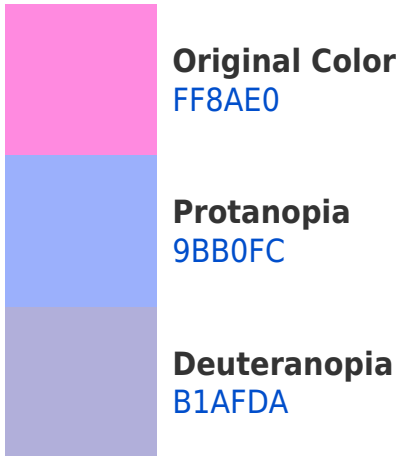


This preview shows how white text looks on a background with the Hex color FF8AE0.

# 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**  
F897A2

# Trichromacy



**Original Color**  
FF8AE0



**Protanomaly**  
BFA2F2



**Deuteranomaly**  
CDA2DC



**Tritanomaly**  
FB92B9

# Monochromacy



**Original Color**  
FF8AE0



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
D1A7C6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF8AE0 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 #FF8AE0 looks like.

```
.text, #text, p{  
    color:#FF8AE0  
}
```

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 #FF8AE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8AE0
}
```

## Border

The CSS property to change the border of an element to Hex FF8AE0 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
#FF8AE0 }
```

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

```
.border{ border-color:#FF8AE0 }
```

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

Here you see how a box with a 4 pixel #FF8AE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8AE0; -webkit-box-shadow:4px 4px  
4px 4px #FF8AE0; box-shadow:4px 4px 4px  
4px #FF8AE0 }
```

# Background

The CSS property to change the background color of an element to Hex FF8AE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8AE0 }
```

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

```
.background{ background-color:#FF8AE0 }
```

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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