

# Converting Colors

Hex(FF8EA8)

Have a look what the booklet for  
Hex(FF8EA8) contains.

<b>Hex(FF8EA8)</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(F88EA8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF8EA8
RGB	255, 142, 168
RGB Percent	100%, 56%, 66%
CMY	0.0000, 0.4431, 0.3412
CMYK	0.00, 0.44, 0.34, 0.00
HSL	346°, 100%, 78%
HSV	346°, 44%, 100%
XYZ	57.9809, 43.4332, 42.3733
YIQ	178.7510, 59.0020, 32.0420

# Conversions

## Conversions Part 2

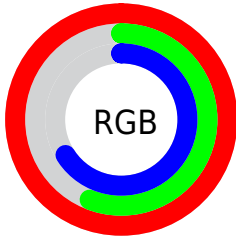
Format	Color
R <sub>Y</sub> B	255, 142, 168
Decimal	16748200
CIE Lab	71.85, 45.40, 5.44
CIE LCh	72, 45.722, 6.838
Yxy	43.4332, 0.4032, 0.3021
Android (android.graphics.Color)	4294938280 (0xFFFF8EA8)
YUV	178.7510, -5.3002, 66.8704
Hunter-Lab	65.9038, 41.7090, 8.0118

# Details

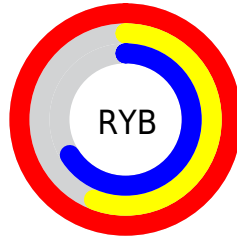
The Hex color **FF8EA8** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **8EFFE5**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFC6DF**, and **C35974** is the 20% darker color. If you saturate the color by 10%, you get **FF7594**, and if you desaturate by 10%, it is **FFA8BC**.

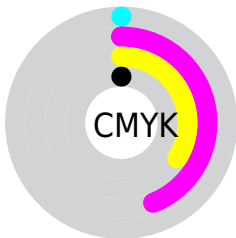
# Distribution



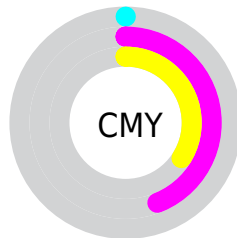
- Red (100%)
- Green (56%)
- Blue (66%)



- Red (100%)
- Yellow (56%)
- Blue (66%)



- Cyan (0%)
- Magenta (44%)
- Yellow (34%)
- Black (0%)



- Cyan (0%)
- Magenta (44%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF8EA8 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 FF8EA8 by changing the saturation by 10% instead.



 FF8EA8

 FF8EA8

FFFFFF

 E1738E

 FFC6DF

 C35974

 FFE2FC

 A63E5C

 8A2344

 6E002E

 52001A

 3A0001

 160000

 000000

 FF8EA8

 FF8EA8

 FF7594

 FFA8BC

 FF5B81

 FFC1CF

 FF426D

 FFDBE3

 FF2859

 FFF4F7

 FF0F46

FFFFFF

 FF003B

# Harmonies

## Analogous

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



EC93D2



FF8EA8



FB9480

# Triad

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



FF8EA8



94BC6B



00BDFC

# Complementary

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



FF8EA8



8EFFE5

# 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.



00C4E1



FF8EA8



5EC38E

# Square

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



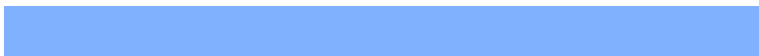
FF8EA8



C1B15B



00C6B9



7FB1FF

# Rectangle

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



FF8EA8



EE9D6B



00C6B9



00C0F5



# Sweetspot

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



FF8EA8



FFDEE5



E58EFF



806B70



000000



808080



# Same Dimension

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



FF8EA8



FF7897



FFAC8E



807376



BF002C



40000F



# Inverse Universe

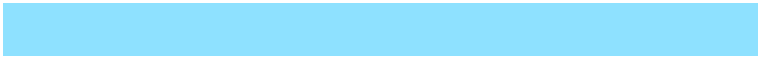
The Inverse Universe completely reimagines the original color for something new.



FF8EA8



FF7897



8EE1FF



807376



BF002C



40000F



# Previews

## White Background



This preview shows how the Hex color FF8EA8 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 FF8EA8 Background



This preview shows how black text looks on a background with the Hex color FF8EA8.

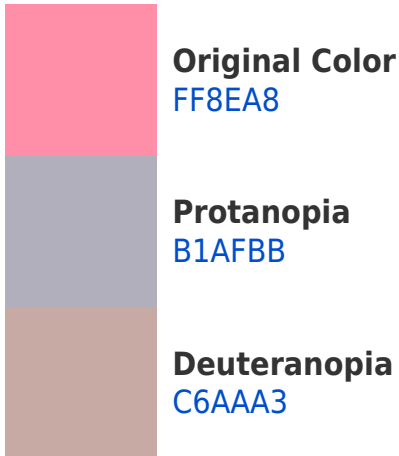


This preview shows how white text looks on a background with the Hex color FF8EA8.

# 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](#).

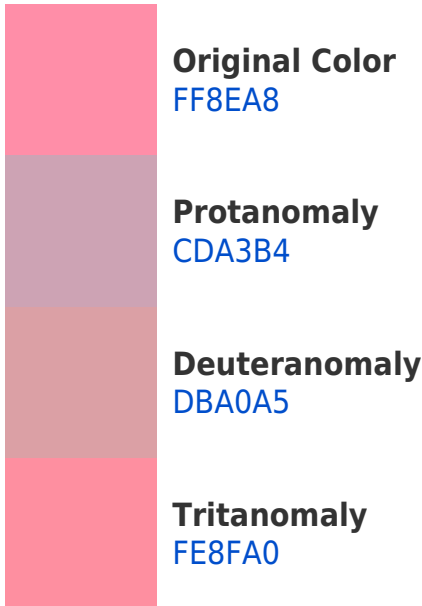
## Dichromacy



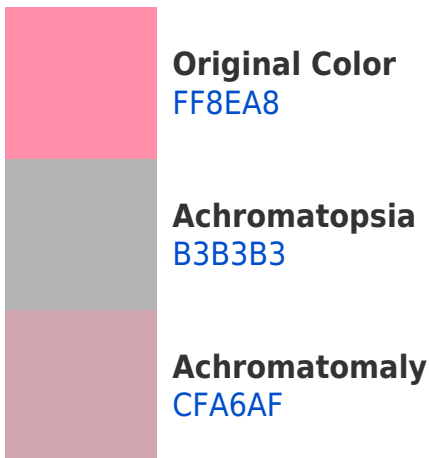


**Tritanopia**  
FE909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF8EA8 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 #FF8EA8 looks like.

```
.text, #text, p{  
    color:#FF8EA8  
}
```

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 #FF8EA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8EA8 }  
}
```

## Border

The CSS property to change the border of an element to Hex FF8EA8 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 #FF8EA8 }  
}
```

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

```
.border{ border-color:#FF8EA8 }
```

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

Here you see how a box with a 4 pixel #FF8EA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8EA8; -webkit-box-shadow:4px 4px  
4px 4px #FF8EA8; box-shadow:4px 4px 4px  
4px #FF8EA8 }
```

# Background

The CSS property to change the background color of an element to Hex FF8EA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8EA8 }
```

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

```
.background{ background-color:#FF8EA8 }
```

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