

# Converting Colors

Hex(FF8EB4)

Have a look what the booklet for  
Hex(FF8EB4) contains.

<b>Hex(FF8EB4)</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(F F 8 E B 4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF8EB4
RGB	255, 142, 180
RGB Percent	100%, 56%, 71%
CMY	0.0000, 0.4431, 0.2941
CMYK	0.00, 0.44, 0.29, 0.00
HSL	340°, 100%, 78%
HSV	340°, 44%, 100%
XYZ	59.1512, 43.9013, 48.5362
YIQ	180.1190, 55.1500, 35.7740

# Conversions

## Conversions Part 2

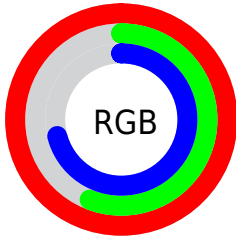
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 142, 180
Decimal	16748212
CIELab	72.16, 46.88, -0.78
CIELCh	72, 46.882, 359.052
Yxy	43.9013, 0.3902, 0.2896
Android (android.graphics.Color)	4294938292 (0xFFFF8EB4)
YUV	180.1190, -0.0587, 65.6706
Hunter-Lab	66.2580, 43.4025, 2.9488

# Details

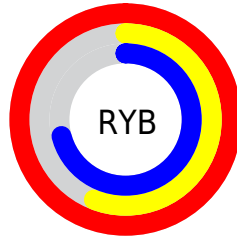
The Hex color **FF8EB4** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8EFFD9**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFC6EC**, and **C4587F** is the 20% darker color. If you saturate the color by 10%, you get **FF75A3**, and if you desaturate by 10%, it is **FFA8C5**.

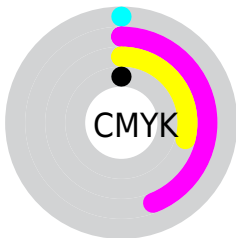
# Distribution



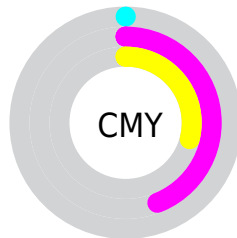
- Red (100%)
- Green (56%)
- Blue (71%)



- Red (100%)
- Yellow (56%)
- Blue (71%)



- Cyan (0%)
- Magenta (44%)
- Yellow (29%)
- Black (0%)



- Cyan (0%)
- Magenta (44%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF8EB4 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 FF8EB4 by changing the saturation by 10% instead.



 FF8EB4

 FF8EB4

FFFFFF

 E17399

 FFC6EC

 C4587F

 FFE2FF

 A73E66

 8A224E

 6F0038

 530022

 3B000C

 1A0001

 000000

 FF8EB4

 FF8EB4

 FF75A3

 FFA8C5

 FF5B92

 FFC1D6

 FF4281

 FFD8E7

 FF2870

 FFF4F8

 FF0F5F

FFFFFF

 FF0056

# Harmonies

## Analogous

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



E597DE



FF8EB4



FF928A

# Triad

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



FF8EB4



A1BB64



00C1F9

# Complementary

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



FF8EB4



8EFFD9

# 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.



00C6D9



FF8EB4



6CC383

# Square

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



FF8EB4



CCAE59



05C7AE



67B6FF

# Rectangle

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



FF8EB4



F69A72



05C7AE



00C3F1



# Sweetspot

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



FF8EB4



FFDEE9



D78EFF



806B72



000000



808080



# Same Dimension

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



FF8EB4



FF78A5



FF9F8E



807377



BF0040



400015



# Inverse Universe

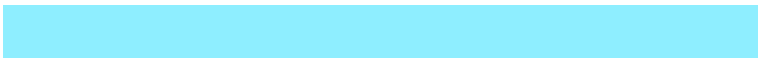
The Inverse Universe completely reimagines the original color for something new.



FF8EB4



FF78A5



8EEEFF



807377



BF0040

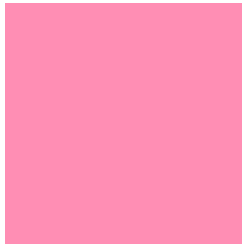


400015



# Previews

## White Background



This preview shows how the Hex color FF8EB4 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 FF8EB4 Background



This preview shows how black text looks on a background with the Hex color FF8EB4.

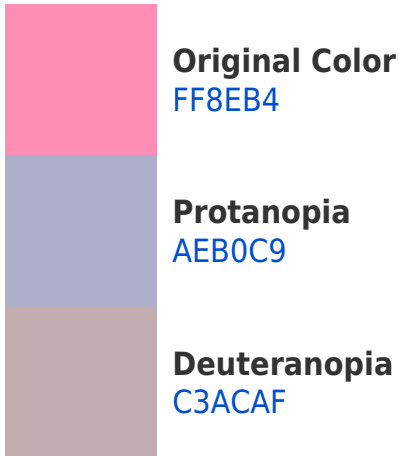



This preview shows how white text looks on a background with the Hex color FF8EB4.

# 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**  
FD929D

# Trichromacy



**Original Color**  
FF8EB4



**Protanomaly**  
CBA4C1



**Deuteranomaly**  
D9A1B1



**Tritanomaly**  
FE91A5

# Monochromacy



**Original Color**  
FF8EB4



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
CFA6B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF8EB4 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 #FF8EB4 looks like.

```
.text, #text, p{  
    color:#FF8EB4  
}
```

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 #FF8EB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8EB4
}
```

## Border

The CSS property to change the border of an element to Hex FF8EB4 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
#FF8EB4 }
```

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

```
.border{ border-color:#FF8EB4 }
```

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

Here you see how a box with a 4 pixel #FF8EB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8EB4; -webkit-box-shadow:4px 4px  
4px 4px #FF8EB4; box-shadow:4px 4px 4px  
4px #FF8EB4 }
```

# Background

The CSS property to change the background color of an element to Hex FF8EB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8EB4 }
```

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

```
.background{ background-color:#FF8EB4 }
```

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