

# Converting Colors

Hex(FF8CB0)

Have a look what the booklet for  
Hex(FF8CB0) contains.

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# **Color**

**Hex(F8CB0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF8CB0
RGB	255, 140, 176
RGB Percent	100%, 55%, 69%
CMY	0.0000, 0.4510, 0.3098
CMYK	0.00, 0.45, 0.31, 0.00
HSL	341°, 100%, 77%
HSV	341°, 45%, 100%
XYZ	58.4546, 43.1508, 46.3223
YIQ	178.4890, 56.9840, 35.5760

# Conversions

## Conversions Part 2

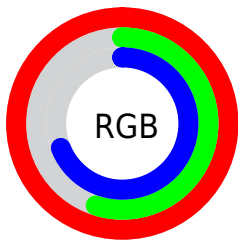
Format	Color
R <sub>Y</sub> B	255, 140, 176
Decimal	16747696
CIE Lab	71.66, 47.37, 0.71
CIE LCh	72, 47.376, 0.862
Yxy	43.1508, 0.3952, 0.2917
Android (android.graphics.Color)	4294937776 (0xFFFF8CB0)
YUV	178.4890, -1.2271, 67.1001
Hunter-Lab	65.6892, 43.8848, 4.1727

# Details

The Hex color **FF8CB0** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8CFFDB**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFC4E8**, and **C4567C** is the 20% darker color. If you saturate the color by 10%, you get **FF739E**, and if you desaturate by 10%, it is **FFA6C2**.

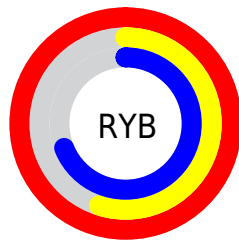
# Distribution



Red (100%)

Green (55%)

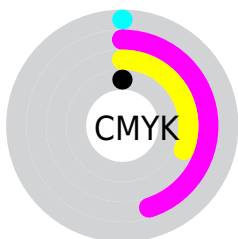
Blue (69%)



Red (100%)

Yellow (55%)

Blue (69%)

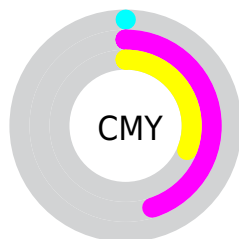


Cyan (0%)

Magenta (45%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (45%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF8CB0 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 FF8CB0 by changing the saturation by 10% instead.



 FF8CB0

 FF8CB0

FFFFFF

 E17195

 FFC4E8

 C4567C

 FFE0FF

 A73C63

FFFEFF

 8A204B

 6E0035

 530020

 3A0007

 180001

 000000

 FF8CB0

 FF8CB0

 FF739E

 FFA6C2

 FF598D

 FFBFD3

 FF407B

 FFD9E5

 FF266A

 FFF2F6

 FF0D58

FFFFFF

 FF0050

# Harmonies

## Analogous

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



E694DA



FF8CB0



FF9086

# Triad

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



FF8CB0



9CBA63



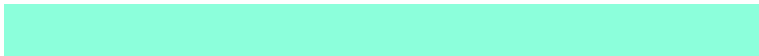
00BFFA

# Complementary

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



FF8CB0



8CFFDB

# 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.



00C5DB



FF8CB0



66C284

# Square

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



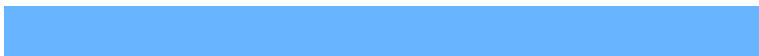
FF8CB0



C9AE57



00C6AF



69B4FF

# Rectangle

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



FF8CB0



F4996E



00C6AF



00C2F2



# Sweetspot

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



FF8CB0



FFDBE6



DB8CFF



806A71



000000



808080



# Same Dimension

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



FF8CB0



FF75A0



FFA18C



807377



BF003C



400014



# Inverse Universe

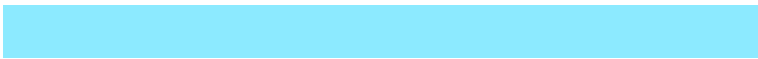
The Inverse Universe completely reimagines the original color for something new.



FF8CB0



FF75A0



8CEAFF



807377



BF003C



400014



# Previews

## White Background



This preview shows how the Hex color FF8CB0 looks on a white background.

## Color Contrast Check

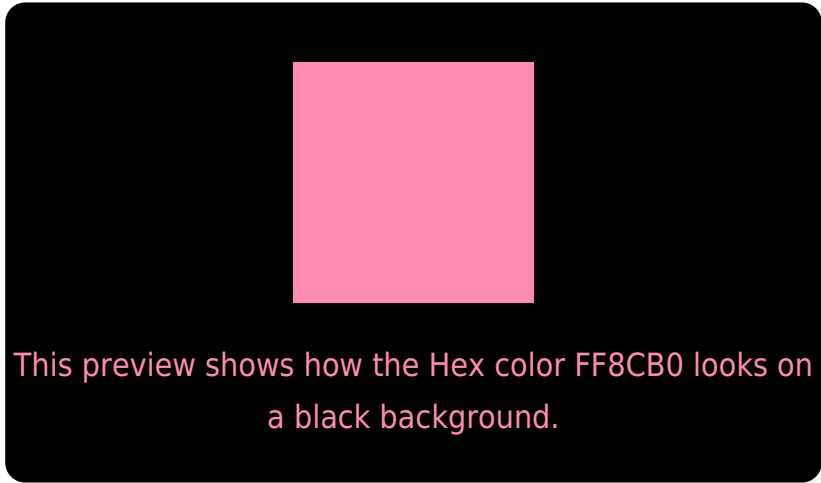
Large Text (above 18pt) WCAG AA × Fail

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 FF8CB0 Background



This preview shows how black text looks on a background with the Hex color FF8CB0.

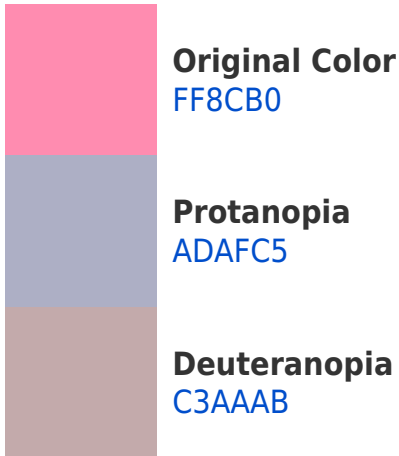


This preview shows how white text looks on a background with the Hex color FF8CB0.

# 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**  
FD909A

# Trichromacy



**Original Color**  
FF8CB0



**Protanomaly**  
CBA2BD



**Deuteranomaly**  
D99FAD



**Tritanomaly**  
FE8FA2

# Monochromacy



**Original Color**  
FF8CB0



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
CEA4B1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF8CB0 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 #FF8CB0 looks like.

```
.text, #text, p{  
    color:#FF8CB0  
}
```

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 #FF8CB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8CB0
}
```

## Border

The CSS property to change the border of an element to Hex FF8CB0 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
#FF8CB0 }
```

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

```
.border{ border-color:#FF8CB0 }
```

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

Here you see how a box with a 4 pixel #FF8CB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8CB0; -webkit-box-shadow:4px 4px  
4px 4px #FF8CB0; box-shadow:4px 4px 4px  
4px #FF8CB0 }
```

# Background

The CSS property to change the background color of an element to Hex FF8CB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8CB0 }
```

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

```
.background{ background-color:#FF8CB0 }
```

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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