

# Converting Colors

Hex(FF89B8)

Have a look what the booklet for  
Hex(FF89B8) contains.

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**Color**

**Hex(F89B8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF89B8
RGB	255, 137, 184
RGB Percent	100%, 54%, 72%
CMY	0.0000, 0.4627, 0.2784
CMYK	0.00, 0.46, 0.28, 0.00
HSL	336°, 100%, 77%
HSV	336°, 46%, 100%
XYZ	58.8374, 42.6120, 50.4713
YIQ	177.6400, 55.2410, 39.6330

# Conversions

## Conversions Part 2

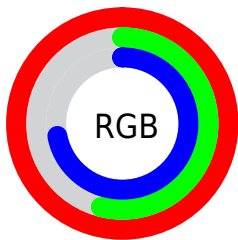
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 137, 184
Decimal	16746936
CIE <sub>Lab</sub>	71.29, 49.88, -4.28
CIE <sub>LCh</sub>	71, 50.059, 355.093
Yxy	42.6120, 0.3873, 0.2805
Android (android.graphics.Color)	4294937016 (0xFFFF89B8)
YUV	177.6400, 3.1355, 67.8447
Hunter-Lab	65.2779, 46.6524, -0.1471

# Details

The Hex color **FF89B8** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **89FFD0**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFC1F0**, and **C45383** is the 20% darker color. If you saturate the color by 10%, you get **FF70A9**, and if you desaturate by 10%, it is **FFA3C7**.

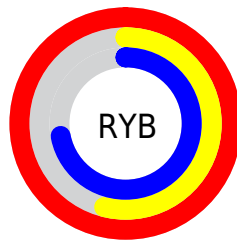
# Distribution



Red (100%)

Green (54%)

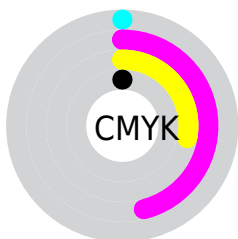
Blue (72%)



Red (100%)

Yellow (54%)

Blue (72%)

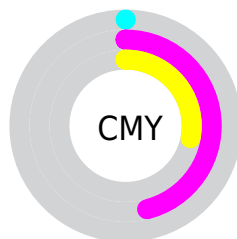


Cyan (0%)

Magenta (46%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (46%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF89B8 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 FF89B8 by changing the saturation by 10% instead.



 FF89B8

 FF89B8

FFFFFF

 E16E9D

 FFC1F0

 C45383

 FFDDFF

 A7386A

 FFFBFF

 8A1A52

 6E003B

 530025

 3A0010

 190001

 000000

 FF89B8

 FF89B8

 FF70A9

 FFA3C7

 FF5699

 FFBCD7

 FF3C8A

 FFD6E6

 FF237B

 FFEFF5

 FF096B

FFFFFF

 FF0066

# Harmonies

## Analogous

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



E094E3



FF89B8



FF8B8A

# Triad

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



FF89B8



A3B759



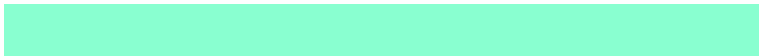
00C0F8

# Complementary

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



FF89B8



89FFD0

# 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.



00C5D4



FF89B8



6CC178

# Square

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



FF89B8



D0A951



00C5A5



49B6FF

# Rectangle

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



FF89B8



FA9470



00C5A5



00C3EE



# Sweetspot

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



FF89B8



FFDBEA



D089FF



806A72



000000



808080



# Same Dimension

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



FF89B8



FF70A9



FF9589



807378



BF004C



400019



# Inverse Universe

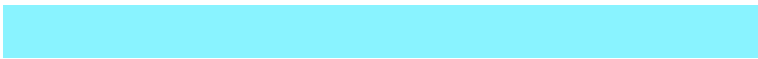
The Inverse Universe completely reimagines the original color for something new.



FF89B8



FF70A9



89F3FF



807378



BF004C

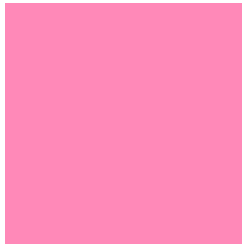


400019



# Previews

## White Background



This preview shows how the Hex color FF89B8 looks on a white background.

## Color Contrast Check

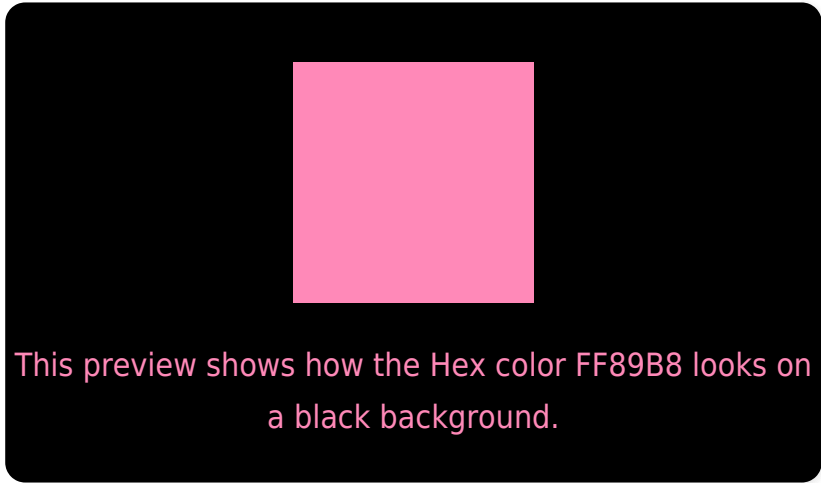
Large Text (above 18pt) WCAG AA × Fail

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 FF89B8 Background



This preview shows how black text looks on a background with the Hex color FF89B8.



This preview shows how white text looks on a background with the Hex color FF89B8.

# 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**  
FC8F99

# Trichromacy



**Original Color**  
FF89B8



**Protanomaly**  
C8A1C7



**Deuteranomaly**  
D69EB4



**Tritanomaly**  
FD8DA4

# Monochromacy



**Original Color**  
FF89B8



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
CEA3B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF89B8 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 #FF89B8 looks like.

```
.text, #text, p{  
    color:#FF89B8  
}
```

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 #FF89B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF89B8
}
```

## Border

The CSS property to change the border of an element to Hex FF89B8 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
#FF89B8 }
```

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

```
.border{ border-color:#FF89B8 }
```

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

Here you see how a box with a 4 pixel #FF89B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF89B8; -webkit-box-shadow:4px 4px  
4px 4px #FF89B8; box-shadow:4px 4px 4px  
4px #FF89B8 }
```

# Background

The CSS property to change the background color of an element to Hex FF89B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF89B8 }
```

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

```
.background{ background-color:#FF89B8 }
```

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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