

# Converting Colors

Hex(FB1B8B)

Have a look what the booklet for  
Hex(FB1B8B) contains.

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**Color**

**Hex(FB1B8B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FB1B8B
RGB	251, 27, 139
RGB Percent	98%, 11%, 55%
CMY	0.0157, 0.8941, 0.4549
CMYK	0.00, 0.89, 0.45, 0.02
HSL	330°, 97%, 55%
HSV	330°, 89%, 98%
XYZ	44.8358, 23.1572, 26.5328
YIQ	106.7440, 97.5520, 82.3200

# Conversions

## Conversions Part 2

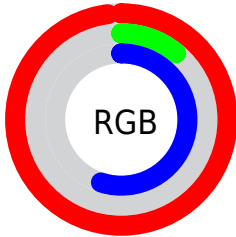
Format	Color
<b>R<sub>YB</sub></b>	251, 27, 139
Decimal	16456587
CIE <sub>Lab</sub>	55.23, 82.18, -2.10
CIE <sub>LCh</sub>	55, 82.208, 358.533
Yxy	23.1572, 0.4743, 0.2450
Android (android.graphics.Color)	4294646667 (0xFFFB1B8B)
YUV	106.7440, 15.9022, 126.5125
Hunter-Lab	48.1219, 82.0974, 0.9949

# Details

The Hex color **FB1B8B** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **1BFB8B**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF6AC0**, and **BC0059** is the 20% darker color. If you saturate the color by 10%, you get **FB027E**, and if you desaturate by 10%, it is **FB3498**.

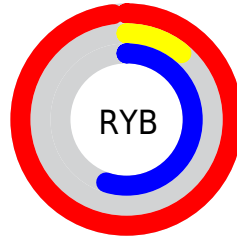
# Distribution



Red (98%)

Green (11%)

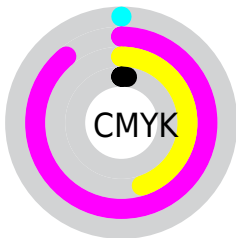
Blue (55%)



Red (98%)

Yellow (11%)

Blue (55%)

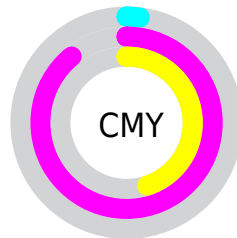


Cyan (0%)

Magenta (89%)

Yellow (45%)

Black (2%)



Cyan (2%)

Magenta (89%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FB1B8B 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 FB1B8B by changing the saturation by 10% instead.



 FB1B8B

 FB1B8B

FFFFFF

 DB0072

 FF6AC0

 BC0059

 FF89DC

 9D0042

 FFA8F9

 7E002C

 FFC6FF

 600018

 FFE5FF

 420003

 200001

 000000

 FB1B8B

 FB1B8B

 FB027E

 FB3498

 FB007E

 FB4DA4

 FB66B1

 FB7FBD

 FB99CA

 FBB2D6

 FBCBE3

 FBE4EF

 FBFDFC

# Harmonies

## Analogous

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



D448D0



FB1B8B



F93545

# Triad

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



FB1B8B



5D9300



009DFE

# Complementary

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



FB1B8B



1BFB8B

# 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.



00A2C7



FB1B8B



009D32

# Square

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



FB1B8B



A38000



00A27F



008FFF

# Rectangle

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



FB1B8B



E65411



00A27F



00A0EF



# Sweetspot

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



FB1B8B



FFBADD



8B1BFB



80576B



000000



808080



# Same Dimension

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



FB1B8B



FF0080



FB1B1B



7D7077



BD005E



3D001F



# Inverse Universe

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



FB1B8B



FF0080



1BFBFB



7D7077



BD005E



3D001F



# Previews

## White Background



This preview shows how the Hex color FB1B8B looks on a white background.

## Color Contrast Check

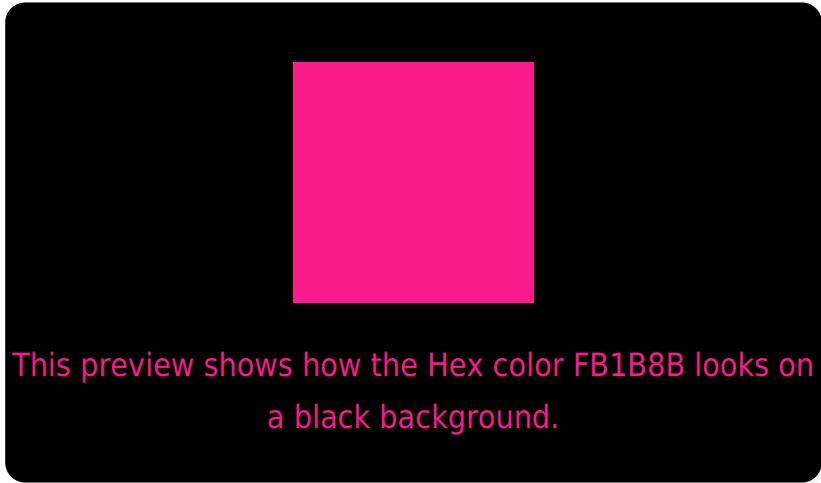
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FB1B8B Background



This preview shows how black text looks on a background with the Hex color FB1B8B.



This preview shows how white text looks on a background with the Hex color FB1B8B.

# 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**  
F73B3D

# Trichromacy



**Original Color**  
FB1B8B



**Protanomaly**  
A25DB0



**Deuteranomaly**  
B95B85



**Tritanomaly**  
F82F59

# Monochromacy



**Original Color**  
FB1B8B



**Achromatopsia**  
6B6B6B



**Achromatomaly**  
9F4E77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FB1B8B 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 #FB1B8B looks like.

```
.text, #text, p{  
    color:#FB1B8B  
}
```

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 #FB1B8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB1B8B
}
```

## Border

The CSS property to change the border of an element to Hex FB1B8B 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
#FB1B8B }
```

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

```
.border{ border-color:#FB1B8B }
```

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

Here you see how a box with a 4 pixel #FB1B8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB1B8B; -webkit-box-shadow:4px 4px  
4px 4px #FB1B8B; box-shadow:4px 4px 4px  
4px #FB1B8B }
```

# Background

The CSS property to change the background color of an element to Hex FB1B8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB1B8B }
```

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

```
.background{ background-color:#FB1B8B }
```

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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