

# Converting Colors

Hex(FF5BCB)

Have a look what the booklet for  
Hex(FF5BCB) contains.

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# **Color**

**Hex(F55BCB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5BCB
RGB	255, 91, 203
RGB Percent	100%, 36%, 80%
CMY	0.0000, 0.6431, 0.2039
CMYK	0.00, 0.64, 0.20, 0.00
HSL	319°, 100%, 68%
HSV	319°, 64%, 100%
XYZ	55.7606, 33.0540, 59.9411
YIQ	152.8040, 61.7920, 69.6000

# Conversions

## Conversions Part 2

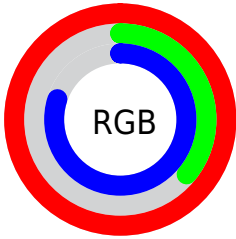
Format	Color
R <sub>Y</sub> B	255, 91, 203
Decimal	16735179
CIE <sub>Lab</sub>	64.20, 72.86, -25.63
CIE <sub>LCh</sub>	64, 77.236, 340.619
Y <sub>xy</sub>	33.0540, 0.3748, 0.2222
Android (android.graphics.Color)	4294925259 (0xFFFF5BCB)
YUV	152.8040, 24.7466, 89.6259
Hunter-Lab	57.4926, 72.5106, -21.5702

# Details

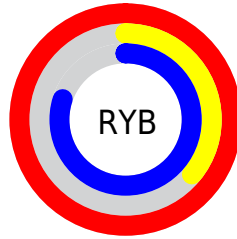
The Hex color **FF5BCB** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **5BFF8F**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FF96FF**, and **C30D95** is the 20% darker color. If you saturate the color by 10%, you get **FF42C3**, and if you desaturate by 10%, it is **FF75D3**.

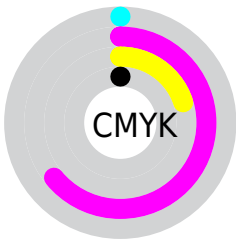
# Distribution



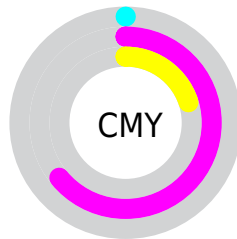
- Red (100%)
- Green (36%)
- Blue (80%)



- Red (100%)
- Yellow (36%)
- Blue (80%)



- Cyan (0%)
- Magenta (64%)
- Yellow (20%)
- Black (0%)



- Cyan (0%)
- Magenta (64%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF5BCB 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 FF5BCB by changing the saturation by 10% instead.



 FF5BCB

 FF5BCB

FFFFFF

 E13BAF

 FF96FF

 C30D95

 FFB3FF

 A5007B

 FFD1FF

 880062

 FFEFFF

 6B0049

 4F0033

 34001D

 0C0000

 000000

 FF5BCB

 FF5BCB

 FF42C3

 FF75D3

 FF28BB

 FF8EDB

 FF0FB3

 FFA8E3

 FF00AE

 FFC1EB

 FFDBF3

 FFF4FC

FFFFFF

# Harmonies

## Analogous

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



BC7DFF



FF5BCB



FF4F86

# Triad

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



FF5BCB



A4A000



00B9F4

# Complementary

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



FF5BCB



5BFF8F

# 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.



00BBB3



FF5BCB



56B022

# Square

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



FF5BCB



DF8800



00B86B



00B0FF

# Rectangle

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



FF5BCB



FF5D5A



00B86B



00BAE0



# Sweetspot

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



FF5BCB



FFCFF0



8F5BFF



806276



000000



808080



# Same Dimension

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



FF5BCB



FF3BC1



FF5B79



80737B



BF0083



40002C



# Inverse Universe

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



FF5BCB



FF3BC1



5BFFE1



80737B



BF0083



40002C



# Previews

## White Background



This preview shows how the Hex color FF5BCB looks on a white background.

## Color Contrast Check

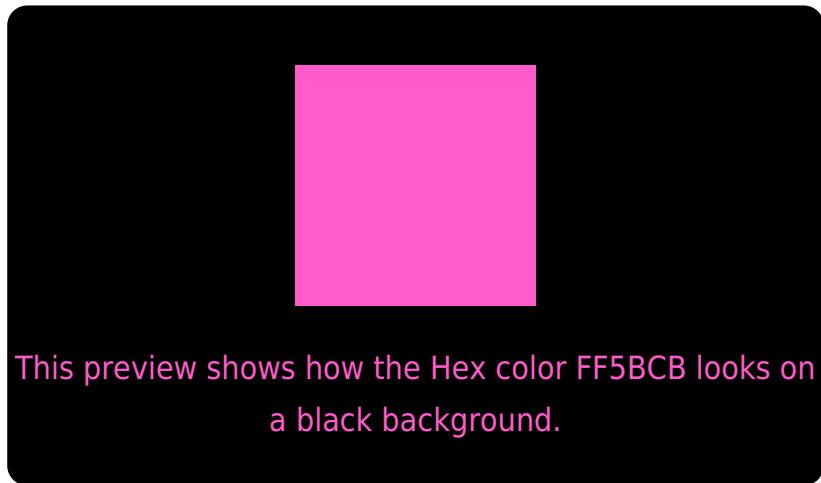
Large Text (above 18pt) WCAG AA × Fail

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 FF5BCB Background



This preview shows how black text looks on a background with the Hex color FF5BCB.



This preview shows how white text looks on a background with the Hex color FF5BCB.

# 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**  
F77178

# Trichromacy



**Original Color**  
FF5BCB



**Protanomaly**  
A882EA



**Deuteranomaly**  
BD82C5



**Tritanomaly**  
FA6996

# Monochromacy



**Original Color**  
FF5BCB



**Achromatopsia**  
999999



**Achromatomaly**  
BE82AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF5BCB 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 #FF5BCB looks like.

```
.text, #text, p{  
    color:#FF5BCB  
}
```

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 #FF5BCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5BCB
}
```

## Border

The CSS property to change the border of an element to Hex FF5BCB 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
#FF5BCB }
```

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

```
.border{ border-color:#FF5BCB }
```

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

Here you see how a box with a 4 pixel #FF5BCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5BCB; -webkit-box-shadow:4px 4px  
4px 4px #FF5BCB; box-shadow:4px 4px 4px  
4px #FF5BCB }
```

# Background

The CSS property to change the background color of an element to Hex FF5BCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5BCB }
```

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

```
.background{ background-color:#FF5BCB }
```

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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