

# Converting Colors

Hex(FF5CB6)

Have a look what the booklet for  
Hex(FF5CB6) contains.

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# **Color**

**Hex(F55CB6)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | FF5CB6                     |
| RGB         | 255, 92, 182               |
| RGB Percent | 100%, 36%, 71%             |
| CMY         | 0.0000, 0.6392, 0.2863     |
| CMYK        | 0.00, 0.64, 0.29, 0.00     |
| HSL         | 327°, 100%, 68%            |
| HSV         | 327°, 64%, 100%            |
| XYZ         | 53.5106, 32.2917, 47.6686  |
| YIQ         | 150.9970, 68.2580, 62.5460 |

# Conversions

## Conversions Part 2

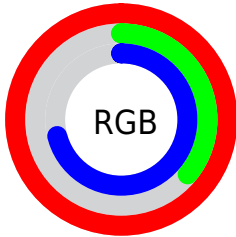
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 255, 92, 182                  |
| Decimal                             | 16735414                      |
| CIE Lab                             | 63.58, 69.83, -14.65          |
| CIE LCh                             | 64, 71.350, 348.150           |
| Yxy                                 | 32.2917, 0.4009,<br>0.2419    |
| Android<br>(android.graphics.Color) | 4294925494<br>(0xFFFF5CB6)    |
| YUV                                 | 150.9970, 15.2845,<br>91.2106 |
| Hunter-Lab                          | 56.8258, 68.6415,<br>-9.9576  |

# Details

The Hex color **FF5CB6** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **5CFFA5**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FF97EE**, and **C21381** is the 20% darker color. If you saturate the color by 10%, you get **FF43AB**, and if you desaturate by 10%, it is **FF76C1**.

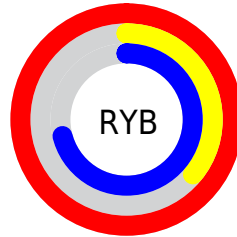
# Distribution



Red (100%)

Green (36%)

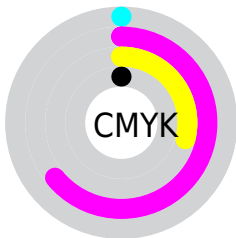
Blue (71%)



Red (100%)

Yellow (36%)

Blue (71%)

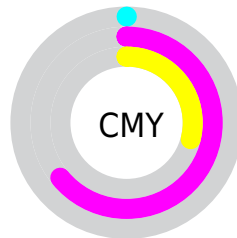


Cyan (0%)

Magenta (64%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (64%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF5CB6 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 FF5CB6 by changing the saturation by 10% instead.



 FF5CB6

 FF5CB6

FFFFFF

 E03D9B

 FF97EE

 C21381

 FFB4FF

 A40068

 FFD1FF

 870050

 FFEFFF

 6A0039

 4E0023

 33000B

 000000

 FF5CB6

 FF5CB6

 FF43AB

 FF76C1

 FF299F

 FF8FCD

 FF1094

 FFA9D8

 FF008D

 FFC2E4

 FFDCEF

 FFF5FB

FFFFFF

# Harmonies

## Analogous

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



CD77F0



FF5CB6



FF5B76

# Triad

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



FF5CB6



94A300



00B4F8

# Complementary

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



FF5CB6



5CFFA5

# 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.



00B7C0



FF5CB6



42AF3E

# Square

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



FF5CB6



CD8E00



00B67E



00A9FF

# Rectangle

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



FF5CB6



FF694F



00B67E



00B6E7



# Sweetspot

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



FF5CB6



FFCFE9



A35CFF



806272



000000



808080



# Same Dimension

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



FF5CB6



FF3BA7



FF5C67



80737A



BF006A



400023



# Inverse Universe

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



FF5CB6



FF3BA7



5CFFF4



80737A



BF006A



400023



# Previews

## White Background



This preview shows how the Hex color FF5CB6 looks on a white background.

## Color Contrast Check

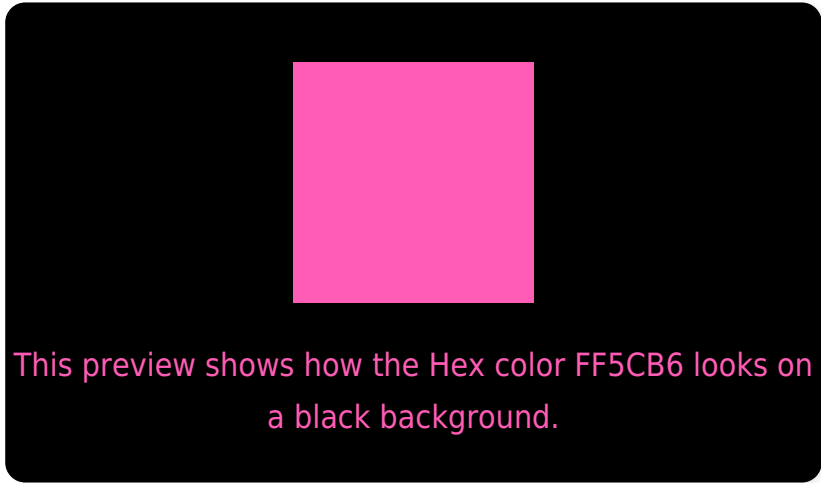
Large Text (above 18pt) WCAG AA × Fail

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 FF5CB6 Background



This preview shows how black text looks on a background with the Hex color FF5CB6.

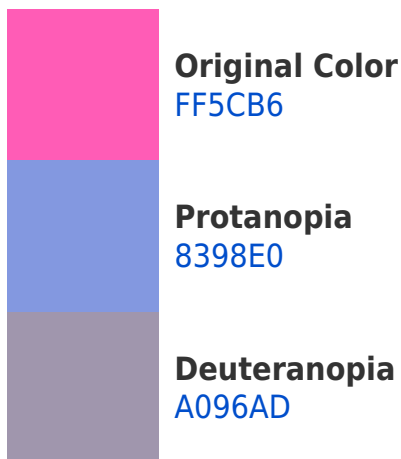


This preview shows how white text looks on a background with the Hex color FF5CB6.

# 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](#).

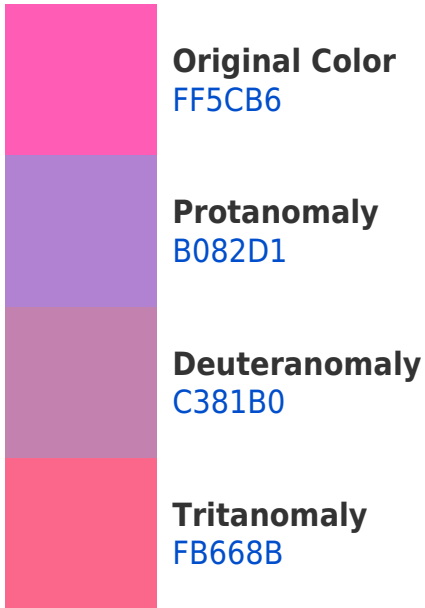
## Dichromacy





**Tritanopia**  
F96C73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF5CB6 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 #FF5CB6 looks like.

```
.text, #text, p{  
    color:#FF5CB6  
}
```

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 #FF5CB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5CB6
}
```

## Border

The CSS property to change the border of an element to Hex FF5CB6 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
#FF5CB6 }
```

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

```
.border{ border-color:#FF5CB6 }
```

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

Here you see how a box with a 4 pixel #FF5CB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5CB6; -webkit-box-shadow:4px 4px  
4px 4px #FF5CB6; box-shadow:4px 4px 4px  
4px #FF5CB6 }
```

# Background

The CSS property to change the background color of an element to Hex FF5CB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5CB6 }
```

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

```
.background{ background-color:#FF5CB6 }
```

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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