

# Converting Colors

Hex(FF57B0)

Have a look what the booklet for  
Hex(FF57B0) contains.

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# **Color**

**Hex(F57B0)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | FF57B0                     |
| RGB         | 255, 87, 176               |
| RGB Percent | 100%, 34%, 69%             |
| CMY         | 0.0000, 0.6588, 0.3098     |
| CMYK        | 0.00, 0.66, 0.31, 0.00     |
| HSL         | 328°, 100%, 67%            |
| HSV         | 328°, 66%, 100%            |
| XYZ         | 52.4847, 31.2110, 44.3324  |
| YIQ         | 147.3780, 71.5590, 63.2950 |

# Conversions

## Conversions Part 2

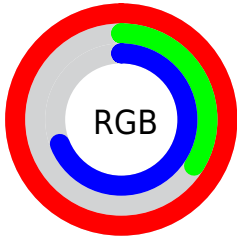
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">255, 87, 176</a>                   |
| Decimal                             | <a href="#">16734128</a>                       |
| CIELab                              | <a href="#">62.69, 71.04, -12.57</a>           |
| CIElCh                              | <a href="#">63, 72.148, 349.966</a>            |
| Yxy                                 | <a href="#">31.2110, 0.4099,<br/>0.2438</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4294924208<br/>(0xFFFF57B0)</a>    |
| YUV                                 | <a href="#">147.3780, 14.1106,<br/>94.3845</a> |
| Hunter-Lab                          | <a href="#">55.8668, 69.9269,<br/>-7.9421</a>  |

# Details

The Hex color **FF57B0** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **57FFA6**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FF92E8**, and **C2027B** is the 20% darker color. If you saturate the color by 10%, you get **FF3EA4**, and if you desaturate by 10%, it is **FF71BC**.

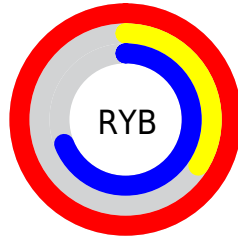
# Distribution



Red (100%)

Green (34%)

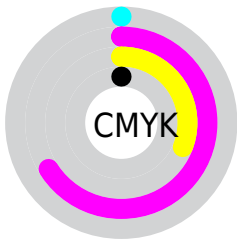
Blue (69%)



Red (100%)

Yellow (34%)

Blue (69%)

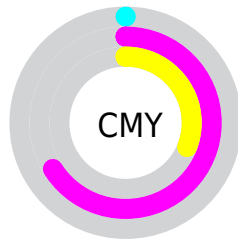


Cyan (0%)

Magenta (66%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (66%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF57B0 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 FF57B0 by changing the saturation by 10% instead.



 FF57B0

 FF57B0

FFFFFF

 E03795

 FF92E8

 C2027B

 FFAFFF

 A40063

 FFCDFD

 87004B

 FFE8FF

 690034

 4D001F

 320002

 000000

 FF57B0

 FF57B0

 FF3EA4

 FF71BC

 FF2498

 FF8AC8

 FF0B8C

 FFA4D4

 FF0087

 FFBDE0

 FFD7EC

 FFF0F8

FFFFFF

# Harmonies

## Analogous

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



CF72EB



FF57B0



FF5870

# Triad

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



FF57B0



8DA100



00B1F9

# Complementary

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



FF57B0



57FFA6

# 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.



00B5C2



FF57B0



35AE3E

# Square

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



FF57B0



C78D00



00B47F



00A5FF

# Rectangle

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



FF57B0



FD6848



00B47F



00B3E9



# Sweetspot

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



FF57B0



FFCCE7



A557FF



806171



000000



808080



# Same Dimension

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



FF57B0



FF36A0



FF575D



80737A



BF0065



400022



# Inverse Universe

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



FF57B0



FF36A0



57FFF9



80737A



BF0065

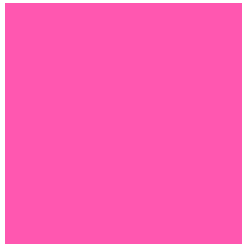


400022



# Previews

## White Background



This preview shows how the Hex color FF57B0 looks on a white background.

## Color Contrast Check

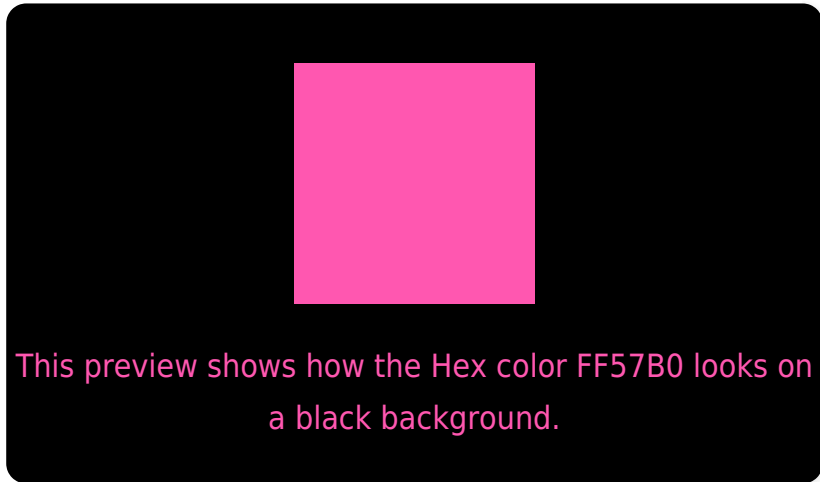
Large Text (above 18pt) WCAG AA × Fail

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 FF57B0 Background



This preview shows how black text looks on a background with the Hex color FF57B0.



This preview shows how white text looks on a background with the Hex color FF57B0.

# 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](#).

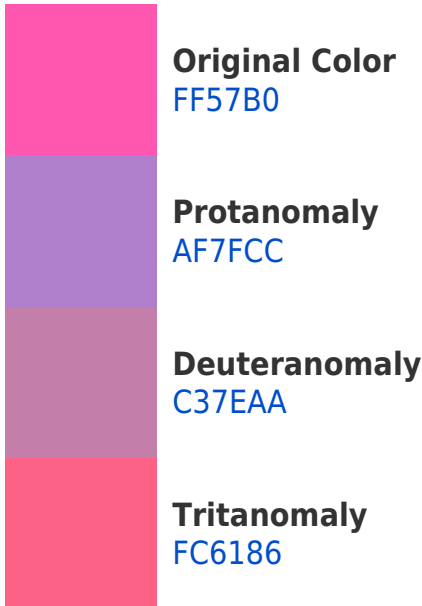
## Dichromacy





**Tritanopia**  
FA676E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF57B0 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 #FF57B0 looks like.

```
.text, #text, p{  
    color:#FF57B0  
}
```

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 #FF57B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF57B0
}
```

## Border

The CSS property to change the border of an element to Hex FF57B0 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
#FF57B0 }
```

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

```
.border{ border-color:#FF57B0 }
```

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

Here you see how a box with a 4 pixel #FF57B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF57B0; -webkit-box-shadow:4px 4px  
4px 4px #FF57B0; box-shadow:4px 4px 4px  
4px #FF57B0 }
```

# Background

The CSS property to change the background color of an element to Hex FF57B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF57B0 }
```

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

```
.background{ background-color:#FF57B0 }
```

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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