

# Converting Colors

Hex(FF57B8)

Have a look what the booklet for  
Hex(FF57B8) contains.

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# **Color**

**Hex(F57B8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF57B8
RGB	255, 87, 184
RGB Percent	100%, 34%, 72%
CMY	0.0000, 0.6588, 0.2784
CMYK	0.00, 0.66, 0.28, 0.00
HSL	325°, 100%, 67%
HSV	325°, 66%, 100%
XYZ	53.2999, 31.5371, 48.6254
YIQ	148.2900, 68.9910, 65.7830

# Conversions

## Conversions Part 2

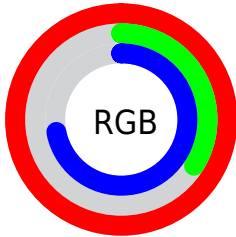
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 87, 184
Decimal	16734136
CIE Lab	62.96, 71.98, -16.74
CIE LCh	63, 73.901, 346.909
Yxy	31.5371, 0.3994, 0.2363
Android (android.graphics.Color)	4294924216 (0xFFFF57B8)
YUV	148.2900, 17.6050, 93.5847
Hunter-Lab	56.1579, 71.1396, -12.0269

# Details

The Hex color **FF57B8** 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 **57FF9E**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FF92F0**, and **C20183** is the 20% darker color. If you saturate the color by 10%, you get **FF3EAD**, and if you desaturate by 10%, it is **FF71C3**.

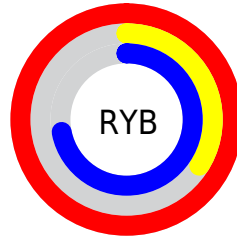
# Distribution



Red (100%)

Green (34%)

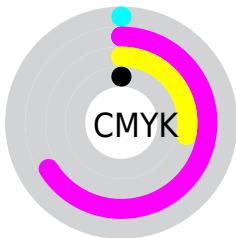
Blue (72%)



Red (100%)

Yellow (34%)

Blue (72%)

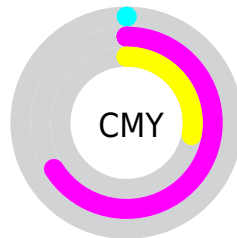


Cyan (0%)

Magenta (66%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (66%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF57B8 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 FF57B8 by changing the saturation by 10% instead.



 FF57B8

 FF57B8

FFFFFF

 E0369D

 FF92F0

 C20183

 FFB0FF

 A4006A

 FFCDFD

 870051

 FFE0FF

 6A003A

 4E0025

 32000D

 000000

 FF57B8

 FF57B8

■ FF3EAD

■ FF71C3

■ FF24A2

■ FF8ACE

■ FF0B98

■ FFA4D8

■ FF0093

■ FFBDE3

■ FFD7EE

■ FFF0F9

FFFFFF

# Harmonies

## Analogous

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



C975F3



FF57B8



FF5476

# Triad

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



FF57B8



94A100



00B3F7

# Complementary

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



FF57B8



57FF9E

# 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.



00B6BD



FF57B8



40AE35

# Square

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



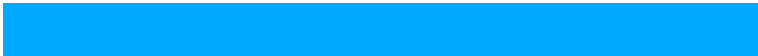
FF57B8



CE8B00



00B478



00A8FF

# Rectangle

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



FF57B8



FF644D



00B478



00B5E6



# Sweetspot

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



FF57B8



FFCCE9



9D57FF



806173



000000



808080



# Same Dimension

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



FF57B8



FF36AA



FF5765



80737A



BF006E



400025



# Inverse Universe

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



FF57B8



FF36AA



57FFF1



80737A



BF006E



400025



# Previews

## White Background



This preview shows how the Hex color FF57B8 looks on a white background.

## Color Contrast Check

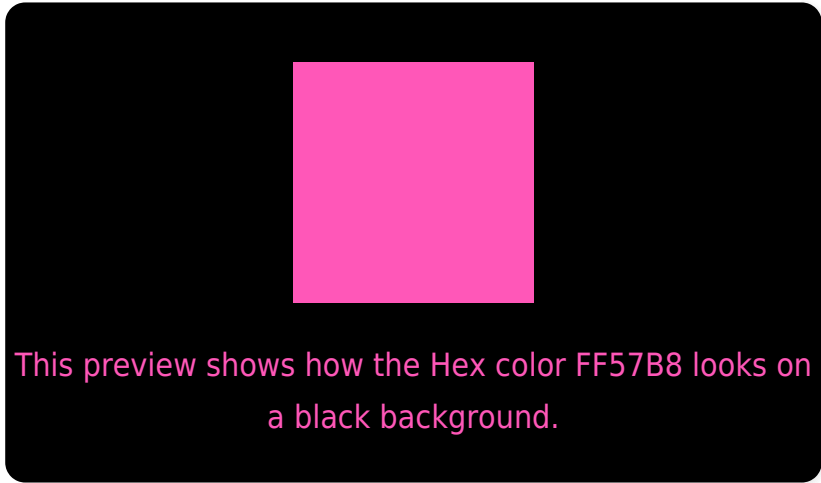
Large Text (above 18pt) WCAG AA × Fail

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 FF57B8 Background



This preview shows how black text looks on a background with the Hex color FF57B8.

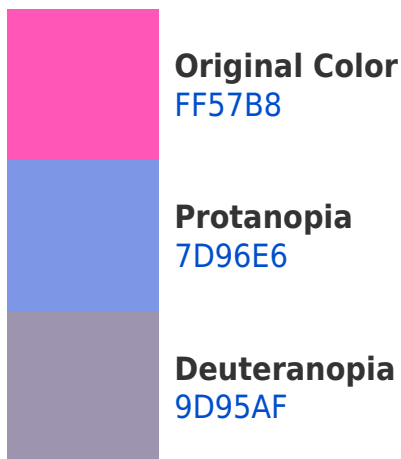


This preview shows how white text looks on a background with the Hex color FF57B8.

# 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**  
F96970

# Trichromacy



**Original Color**  
FF57B8



**Protanomaly**  
AC7FD5



**Deuteranomaly**  
C17EB2



**Tritanomaly**  
FB628A

# Monochromacy



**Original Color**  
FF57B8



**Achromatopsia**  
949494



**Achromatomaly**  
BB7EA1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF57B8 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 #FF57B8 looks like.

```
.text, #text, p{  
    color:#FF57B8  
}
```

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 #FF57B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF57B8
}
```

## Border

The CSS property to change the border of an element to Hex FF57B8 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
#FF57B8 }
```

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

```
.border{ border-color:#FF57B8 }
```

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

Here you see how a box with a 4 pixel #FF57B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF57B8; -webkit-box-shadow:4px 4px  
4px 4px #FF57B8; box-shadow:4px 4px 4px  
4px #FF57B8 }
```

# Background

The CSS property to change the background color of an element to Hex FF57B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF57B8 }
```

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

```
.background{ background-color:#FF57B8 }
```

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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