

# Converting Colors

Hex(F58CB8)

Have a look what the booklet for  
Hex(F58CB8) contains.

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# **Color**

**Hex(F58CB8)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | F58CB8                     |
| RGB           | 245, 140, 184              |
| RGB Percent   | 96%, 55%, 72%              |
| CMY           | 0.0392, 0.4510, 0.2784     |
| CMYK          | 0.00, 0.43, 0.25, 0.04     |
| HSL           | 335°, 84%, 75%             |
| HSV           | 335°, 43%, 96%             |
| XYZ           | 55.6860, 41.6293, 50.4477  |
| YIQ           | 176.4110, 48.4560, 35.9440 |

# Conversions

## Conversions Part 2

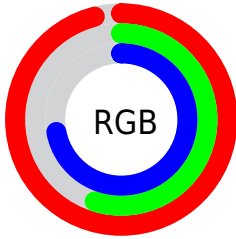
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 245, 140, 184                |
| Decimal                             | 16092344                     |
| CIE Lab                             | 70.61, 45.04, -5.42          |
| CIE LCh                             | 71, 45.368, 353.134          |
| Yxy                                 | 41.6293, 0.3769,<br>0.2817   |
| Android<br>(android.graphics.Color) | 4294282424<br>(0xFFFF58CB8)  |
| YUV                                 | 176.4110, 3.7414,<br>60.1526 |
| Hunter-Lab                          | 64.5208, 41.1467,<br>-1.1933 |

# Details

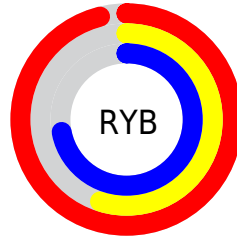
The Hex color **F58CB8** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8CF5C9**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFC3F0**, and **BA5783** is the 20% darker color. If you saturate the color by 10%, you get **F574AA**, and if you desaturate by 10%, it is **F5A5C6**.

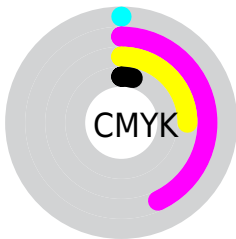
# Distribution



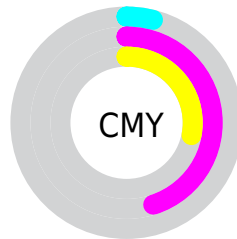
- Red (96%)
- Green (55%)
- Blue (72%)



- Red (96%)
- Yellow (55%)
- Blue (72%)



- Cyan (0%)
- Magenta (43%)
- Yellow (25%)
- Black (4%)



- Cyan (4%)
- Magenta (45%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F58CB8 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 F58CB8 by changing the saturation by 10% instead.



 F58CB8

 F58CB8

FFFFFF

 D7719D

 FFC3F0

 BA5783

 FFE0FF

 9E3D6A

 FFFDFD

 822252

 67003B

 4C0025

 350010

 0C0000

 000000

 F58CB8

 F58CB8

 F574AA

 F5A5C6

 F55B9C

 F5BDD4

 F5428D

 F5D6E3

 F52A7F

 F5EEF1

 F51171

 F5FFFF

 F50067

# Harmonies

## Analogous

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



D796DF



F58CB8



FB8D8E

# Triad

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



F58CB8



A6B45F



00BDEE

# Complementary

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



F58CB8



8CF5C9

# 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.



00C2CC



F58CB8



76BD7A

# Square

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



F58CB8



CFA75A



30C2A1



54B4FE

# Rectangle

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



F58CB8



F49476



30C2A1



00BFE4



# Sweetspot

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



F58CB8



FFDEEC



C78CF5



806B74



000000



808080



# Same Dimension

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



F58CB8



FF7DB3



F5938C



7A6E73



BA004E



3B0019



# Inverse Universe

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



F58CB8



FF7DB3



8CEEF5



7A6E73



BA004E



3B0019



# Previews

## White Background



This preview shows how the Hex color F58CB8 looks on a white background.

## Color Contrast Check

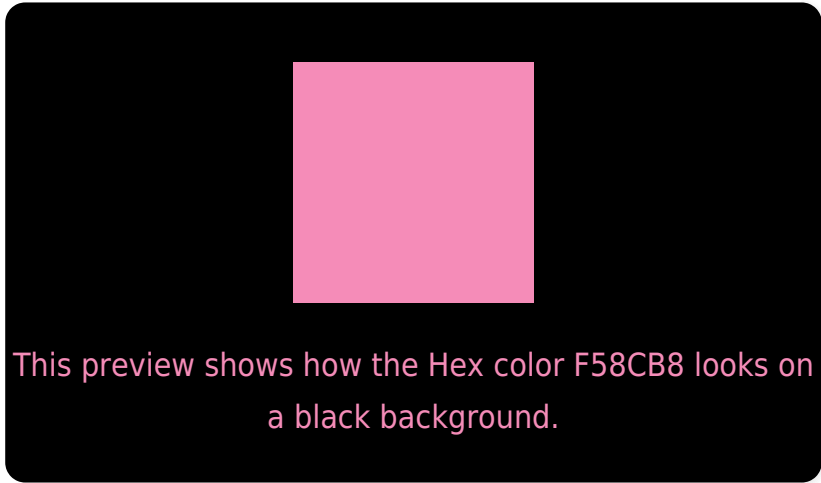
Large Text (above 18pt) WCAG AA × Fail

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 F58CB8 Background



This preview shows how black text looks on a background with the Hex color F58CB8.

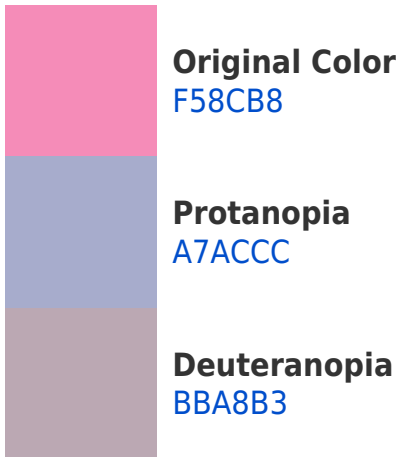



This preview shows how white text looks on a background with the Hex color F58CB8.

# 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**  
F2919C

# Trichromacy



**Original Color**  
F58CB8



**Protanomaly**  
C3A0C5



**Deuteranomaly**  
D09EB5

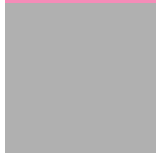


**Tritanomaly**  
F38FA6

# Monochromacy



**Original Color**  
F58CB8



**Achromatopsia**  
B0B0B0



**Achromatomaly**  
C9A3B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F58CB8 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 #F58CB8 looks like.

```
.text, #text, p{  
    color:#F58CB8  
}
```

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 #F58CB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F58CB8
}
```

## Border

The CSS property to change the border of an element to Hex F58CB8 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
#F58CB8 }
```

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

```
.border{ border-color:#F58CB8 }
```

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

Here you see how a box with a 4 pixel #F58CB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F58CB8; -webkit-box-shadow:4px 4px  
4px 4px #F58CB8; box-shadow:4px 4px 4px  
4px #F58CB8 }
```

# Background

The CSS property to change the background color of an element to Hex F58CB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F58CB8 }
```

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

```
.background{ background-color:#F58CB8 }
```

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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