

# Converting Colors

Hex(F58CA9)

Have a look what the booklet for  
Hex(F58CA9) contains.

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# **Color**

**Hex(F58CA9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F58CA9
RGB	245, 140, 169
RGB Percent	96%, 55%, 66%
CMY	0.0392, 0.4510, 0.3373
CMYK	0.00, 0.43, 0.31, 0.04
HSL	343°, 84%, 75%
HSV	343°, 43%, 96%
XYZ	54.1957, 41.0332, 42.5999
YIQ	174.7010, 53.2710, 31.2790

# Conversions

## Conversions Part 2

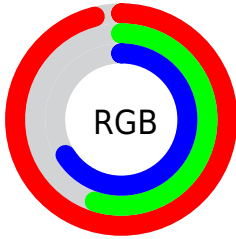
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 140, 169
Decimal	16092329
CIE <sub>Lab</sub>	70.20, 43.07, 2.34
CIE <sub>LCh</sub>	70, 43.131, 3.112
Yxy	41.0332, 0.3932, 0.2977
Android (android.graphics.Color)	4294282409 (0xFFFF58CA9)
YUV	174.7010, -2.8106, 61.6522
Hunter-Lab	64.0572, 38.9202, 5.4104

# Details

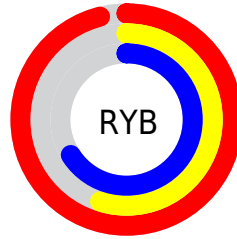
The Hex color **F58CA9** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8CF5D8**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFC3E0**, and **BA5775** is the 20% darker color. If you saturate the color by 10%, you get **F57497**, and if you desaturate by 10%, it is **F5A5BB**.

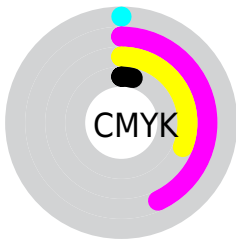
# Distribution



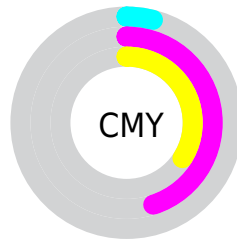
- Red (96%)
- Green (55%)
- Blue (66%)



- Red (96%)
- Yellow (55%)
- Blue (66%)



- Cyan (0%)
- Magenta (43%)
- Yellow (31%)
- Black (4%)



- Cyan (4%)
- Magenta (45%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F58CA9 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 F58CA9 by changing the saturation by 10% instead.



 F58CA9

 F58CA9

FFFFFF

 D7718F

 FFC3E0

 BA5775

 FFE0FD

 9E3D5D

 FFFDFD

 822345

 66002F

 4B001A

 350002

 020000

 000000

 F58CA9

 F58CA9

 F57497

 F5A5BB

 F55B86

 F5BDCC

 F54274

 F5D6DE

 F52A62

 F5EEF0

 F51150

 F5FFFF

 F50044

# Harmonies

## Analogous

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



E092D0



F58CA9



F49183

# Triad

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



F58CA9



97B668



00B9F1

# Complementary

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



F58CA9



8CF5D8

# 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.



00BFD5



F58CA9



66BD87

# Square

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



F58CA9



C0AB5C



18C0AF



75AEFA

# Rectangle

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



F58CA9



E9986E



18C0AF



00BCE9



# Sweetspot

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



F58CA9



FFDEE7



D78CF5



806B71



000000



808080



# Same Dimension

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



F58CA9



FF7DA1



F5A38C



7A6E72



BA0033



3B0010



# Inverse Universe

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



F58CA9



FF7DA1



8CDEF5



7A6E72



BA0033



3B0010



# Previews

## White Background



This preview shows how the Hex color F58CA9 looks on a white background.

## Color Contrast Check

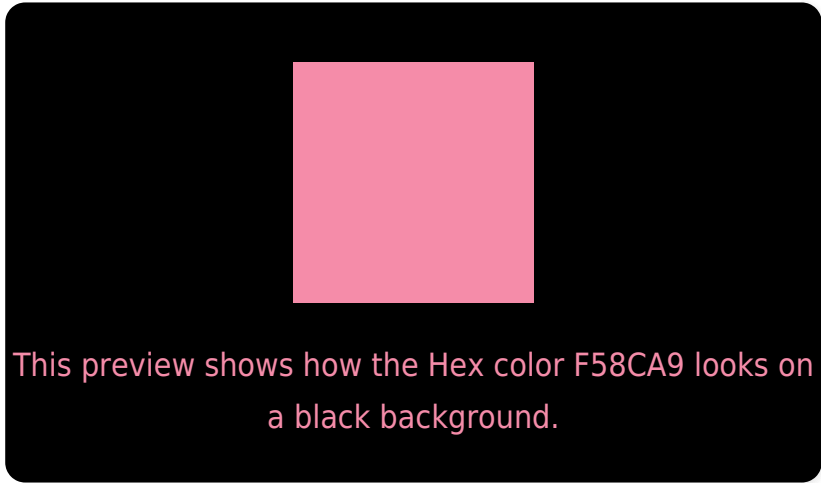
Large Text (above 18pt) WCAG AA × Fail

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 F58CA9 Background



This preview shows how black text looks on a background with the Hex color F58CA9.

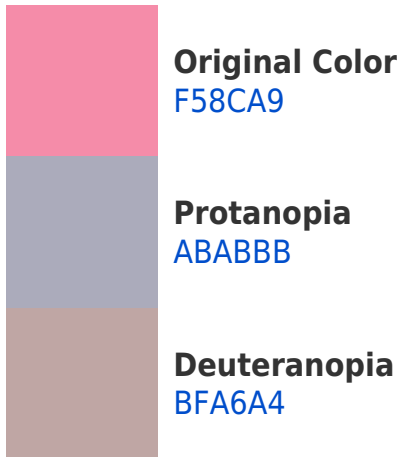


This preview shows how white text looks on a background with the Hex color F58CA9.

# 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](#).

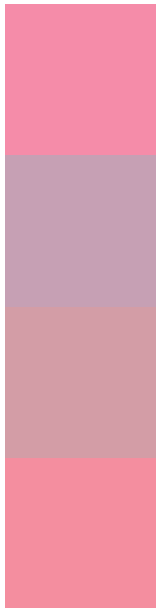
## Dichromacy





**Tritanopia**  
F48F99

# Trichromacy



**Original Color**  
F58CA9

**Protanomaly**  
C6A0B4

**Deuteranomaly**  
D39DA6

**Tritanomaly**  
F48E9F

# Monochromacy



**Original Color**  
F58CA9

**Achromatopsia**  
AFAFAF

**Achromatomaly**  
C8A2AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F58CA9 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 #F58CA9 looks like.

```
.text, #text, p{  
    color:#F58CA9  
}
```

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 #F58CA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F58CA9
}
```

## Border

The CSS property to change the border of an element to Hex F58CA9 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
#F58CA9 }
```

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

```
.border{ border-color:#F58CA9 }
```

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

Here you see how a box with a 4 pixel #F58CA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F58CA9; -webkit-box-shadow:4px 4px  
4px 4px #F58CA9; box-shadow:4px 4px 4px  
4px #F58CA9 }
```

# Background

The CSS property to change the background color of an element to Hex F58CA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F58CA9 }
```

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

```
.background{ background-color:#F58CA9 }
```

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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