

# Converting Colors

Hex(F48CC9)

Have a look what the booklet for  
Hex(F48CC9) contains.

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# **Color**

**Hex(F48CC9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F48CC9
RGB	244, 140, 201
RGB Percent	96%, 55%, 79%
CMY	0.0431, 0.4510, 0.2118
CMYK	0.00, 0.43, 0.18, 0.04
HSL	325°, 83%, 75%
HSV	325°, 43%, 96%
XYZ	57.2289, 42.2063, 60.3887
YIQ	178.0500, 42.4030, 41.0190

# Conversions

## Conversions Part 2

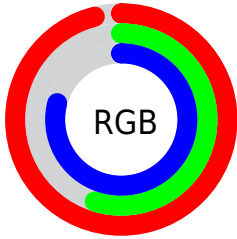
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 140, 201
Decimal	16026825
CIE <sub>Lab</sub>	71.01, 47.15, -14.30
CIE <sub>LCh</sub>	71, 49.275, 343.130
Yxy	42.2063, 0.3581, 0.2641
Android (android.graphics.Color)	4294216905 (0xFFFF48CC9)
YUV	178.0500, 11.3143, 57.8381
Hunter-Lab	64.9664, 43.5496, -9.6358

# Details

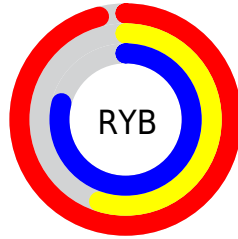
The Hex color **F48CC9** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8CF4B7**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFC4FF**, and **BA5793** is the 20% darker color. If you saturate the color by 10%, you get **F474BF**, and if you desaturate by 10%, it is **F4A4D3**.

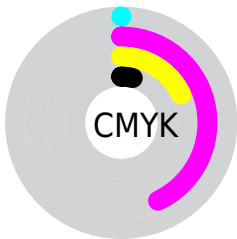
# Distribution



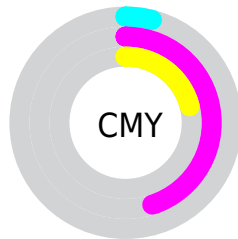
- Red (96%)
- Green (55%)
- Blue (79%)



- Red (96%)
- Yellow (55%)
- Blue (79%)



- Cyan (0%)
- Magenta (43%)
- Yellow (18%)
- Black (4%)



- Cyan (4%)
- Magenta (45%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F48CC9 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 F48CC9 by changing the saturation by 10% instead.



 F48CC9

 F48CC9

FFFFFF

 D771AE

 FFC4FF

 BA5793

 FFE0FF

 9E3C79

 FFFDFD

 822160

 670048

 4C0032

 35001D

 130000

 000000

 F48CC9

 F48CC9

 F474BF

 F4A4D3

 F45BB5

 F4BDDD

 F443AB

 F4D5E7

 F42AA1

 F4EEF1

 F41297

 F4FFFB

 F4008F

 F4FFFF

# Harmonies

## Analogous

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



CB9AF0



F48CC9



FF899C

# Triad

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



F48CC9



B6B253



00C2EA

# Complementary

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



F48CC9



8CF4B7

# 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.



00C5C1



F48CC9



84BD6A

# Square

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



F48CC9



DEA257



3FC392



00BAFF

# Rectangle

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



F48CC9



FF8E7F



3FC392



00C4DE



# Sweetspot

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



F48CC9



FFDEF1



B68CF4



806B77



000000



808080



# Same Dimension

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



F48CC9



FF7DC9



F48C96



7A6E75



BA006D



3B0022



# Inverse Universe

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



F48CC9



FF7DC9



8CF4EA



7A6E75



BA006D

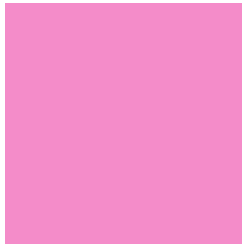


3B0022



# Previews

## White Background



This preview shows how the Hex color F48CC9 looks on a white background.

## Color Contrast Check

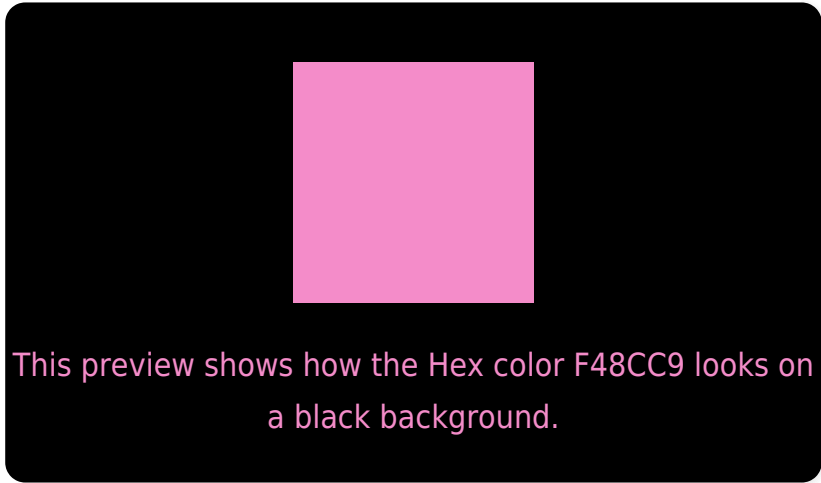
Large Text (above 18pt) WCAG AA × Fail

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 F48CC9 Background



This preview shows how black text looks on a background with the Hex color F48CC9.

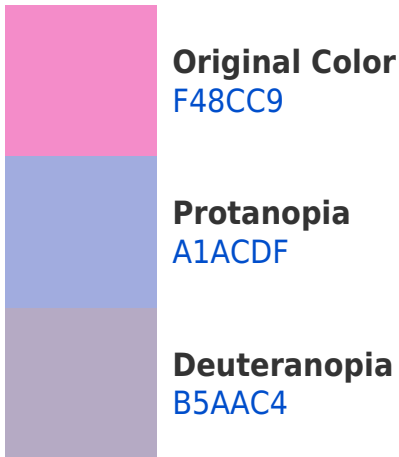


This preview shows how white text looks on a background with the Hex color F48CC9.

# 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**  
F0949F

# Trichromacy



**Original Color**  
F48CC9



**Protanomaly**  
BFA0D7



**Deuteranomaly**  
CC9FC6



**Tritanomaly**  
F191AE

# Monochromacy



**Original Color**  
F48CC9



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
CAA4BA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F48CC9 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 #F48CC9 looks like.

```
.text, #text, p{  
    color:#F48CC9  
}
```

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 #F48CC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F48CC9
}
```

## Border

The CSS property to change the border of an element to Hex F48CC9 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
#F48CC9 }
```

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

```
.border{ border-color:#F48CC9 }
```

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

Here you see how a box with a 4 pixel #F48CC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F48CC9; -webkit-box-shadow:4px 4px  
4px 4px #F48CC9; box-shadow:4px 4px 4px  
4px #F48CC9 }
```

# Background

The CSS property to change the background color of an element to Hex F48CC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F48CC9 }
```

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

```
.background{ background-color:#F48CC9 }
```

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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