

# Converting Colors

Hex(F68CCA)

Have a look what the booklet for  
Hex(F68CCA) contains.

|  |    |
|--|----|
| <b>Hex(F68CCA)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(F68CCA)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | F68CCA                     |
| RGB         | 246, 140, 202              |
| RGB Percent | 96%, 55%, 79%              |
| CMY         | 0.0353, 0.4510, 0.2078     |
| CMYK        | 0.00, 0.43, 0.18, 0.04     |
| HSL         | 325°, 85%, 76%             |
| HSV         | 325°, 43%, 96%             |
| XYZ         | 58.0448, 42.6133, 61.0430  |
| YIQ         | 178.7620, 43.2740, 41.7540 |

# Conversions

## Conversions Part 2

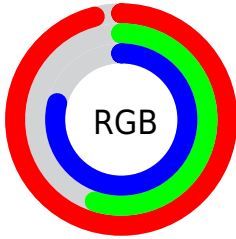
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 246, 140, 202                 |
| Decimal                             | 16157898                      |
| CIE Lab                             | 71.29, 47.95, -14.41          |
| CIE LCh                             | 71, 50.069, 343.273           |
| Yxy                                 | 42.6133, 0.3590,<br>0.2635    |
| Android<br>(android.graphics.Color) | 4294347978<br>(0xFFFF68CCA)   |
| YUV                                 | 178.7620, 11.4563,<br>58.9677 |
| Hunter-Lab                          | 65.2788, 44.4811,<br>-9.7476  |

# Details

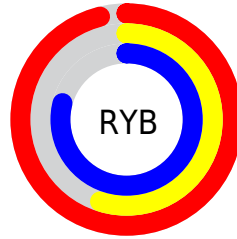
The Hex color **F68CCA** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8CF6B8**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFC4FF**, and **BC5794** is the 20% darker color. If you saturate the color by 10%, you get **F673C0**, and if you desaturate by 10%, it is **F6A5D4**.

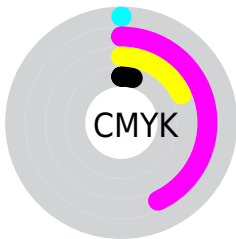
# Distribution



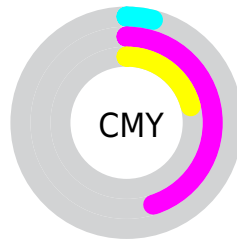
- Red (96%)
- Green (55%)
- Blue (79%)



- 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 F68CCA 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 F68CCA by changing the saturation by 10% instead.



 F68CCA

 F68CCA

FFFFFF

 D971AF

 FFC4FF

 BC5794

 FFE0FF

 9F3C7A

 FFFDFD

 842061

 680049

 4E0033

 36001E

 160000

 000000

 F68CCA

 F68CCA

 F673C0

 F6A5D4

 F65BB6

 F6BDDE

 F642AB

 F6D6E9

 F62AA1

 F6EEF3

 F61197

 F6FFFD

 F60090

 F6FFFF

# Harmonies

## Analogous

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



CC9BF1



F68CCA



FF899C

# Triad

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



F68CCA



B6B252



00C3EC

# Complementary

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



F68CCA



8CF6B8

# 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.



00C6C2



F68CCA



84BE6A

# Square

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



F68CCA



DFA356



3CC493



00BBFF

# Rectangle

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



F68CCA



FF8E7F



3CC493



00C5DF



# Sweetspot

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



F68CCA



FFDEF1



B68CF6



806B77



000000



808080



# Same Dimension

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



F68CCA



FF7AC8



F68C97



7A6E75



BA006D



3B0022



# Inverse Universe

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



F68CCA



FF7AC8



8CF6EB



7A6E75



BA006D



3B0022



# Previews

## White Background



This preview shows how the Hex color F68CCA looks on a white background.

## Color Contrast Check

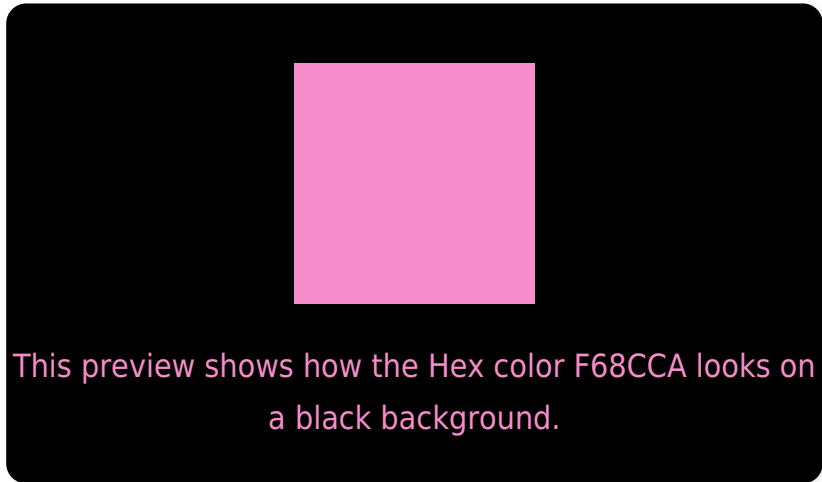
Large Text (above 18pt) WCAG AA × Fail

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 F68CCA Background



This preview shows how black text looks on a background with the Hex color F68CCA.

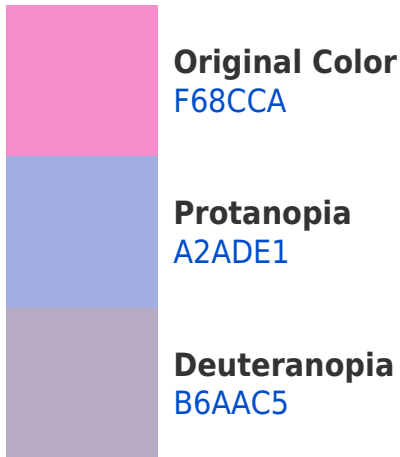


This preview shows how white text looks on a background with the Hex color F68CCA.

# 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**  
F1949F

# Trichromacy



**Original Color**  
F68CCA



**Protanomaly**  
C1A1D9



**Deuteranomaly**  
CD9FC7



**Tritanomaly**  
F391AF

# Monochromacy



**Original Color**  
F68CCA



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
CBA5BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F68CCA 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 #F68CCA looks like.

```
.text, #text, p{  
    color:#F68CCA  
}
```

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 #F68CCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F68CCA
}
```

## Border

The CSS property to change the border of an element to Hex F68CCA 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
#F68CCA }
```

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

```
.border{ border-color:#F68CCA }
```

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

Here you see how a box with a 4 pixel #F68CCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F68CCA; -webkit-box-shadow:4px 4px  
4px 4px #F68CCA; box-shadow:4px 4px 4px  
4px #F68CCA }
```

# Background

The CSS property to change the background color of an element to Hex F68CCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F68CCA }
```

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

```
.background{ background-color:#F68CCA }
```

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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