

# Converting Colors

Hex(F68FC7)

Have a look what the booklet for  
Hex(F68FC7) contains.

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# **Color**

**Hex(F68FC7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F68FC7
RGB	246, 143, 199
RGB Percent	96%, 56%, 78%
CMY	0.0353, 0.4392, 0.2196
CMYK	0.00, 0.42, 0.19, 0.04
HSL	327°, 85%, 76%
HSV	327°, 42%, 96%
XYZ	58.1373, 43.3613, 59.3382
YIQ	180.1810, 43.4120, 39.2520

# Conversions

## Conversions Part 2

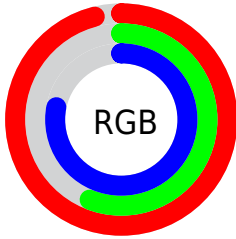
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	246, 143, 199
Decimal	16158663
CIE <sub>Lab</sub>	71.80, 45.99, -11.98
CIE <sub>LCh</sub>	72, 47.523, 345.393
Yxy	43.3613, 0.3615, 0.2696
Android (android.graphics.Color)	4294348743 (0xFFFF68FC7)
YUV	180.1810, 9.2778, 57.7233
Hunter-Lab	65.8493, 42.3586, -7.3330

# Details

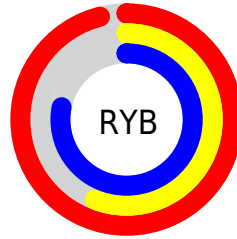
The Hex color **F68FC7** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8FF6BE**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFC7FF**, and **BC5A91** is the 20% darker color. If you saturate the color by 10%, you get **F676BC**, and if you desaturate by 10%, it is **F6A8D2**.

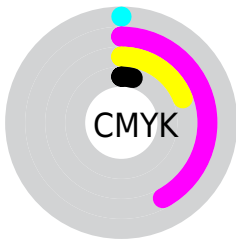
# Distribution



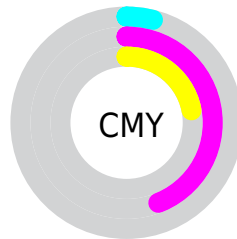
- Red (96%)
- Green (56%)
- Blue (78%)



- Red (96%)
- Yellow (56%)
- Blue (78%)



- Cyan (0%)
- Magenta (42%)
- Yellow (19%)
- Black (4%)



- Cyan (4%)
- Magenta (44%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F68FC7 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 F68FC7 by changing the saturation by 10% instead.



 F68FC7

 F68FC7

FFFFFF

 D974AC

 FFC7FF

 BC5A91

 FFE3FF

 9F4077

 84255F

 690147

 4E0030

 36001C

 170000

 000000

 F68FC7

 F68FC7

 F676BC

 F6A8D2

 F65EB1

 F6C0DD

 F645A5

 F6D9E9

 F62D9A

 F6F1F4

 F6148F

 F6FFFF

 F60086

# Harmonies

## Analogous

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



D09CED



F68FC7



FF8D9B

# Triad

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



F68FC7



B5B55A



00C3ED

# Complementary

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



F68FC7



8FF6BE

# 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.



00C6C6



F68FC7



84BF71

# Square

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



F68FC7



DDA65B



42C599



2BBBFF

# Rectangle

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



F68FC7



FE9280



42C599



00C5E1



# Sweetspot

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



F68FC7



FFDEF0



BD8FF6



806B76



000000



808080



# Same Dimension

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



F68FC7



FF80C5



F68F94



7A6E75



BA0065



3B0020



# Inverse Universe

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



F68FC7



FF80C5



8FF6F1



7A6E75



BA0065



3B0020



# Previews

## White Background



This preview shows how the Hex color F68FC7 looks on a white background.

## Color Contrast Check

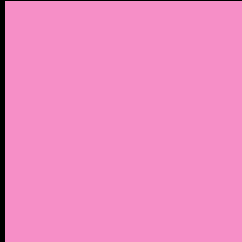
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color F68FC7 looks on a 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 F68FC7 Background



This preview shows how black text looks on a background with the Hex color F68FC7.




This preview shows how white text looks on a background with the Hex color F68FC7.

# 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**  
F296A1

# Trichromacy



**Original Color**  
F68FC7



**Protanomaly**  
C2A3D4



**Deuteranomaly**  
CFA1C4



**Tritanomaly**  
F393AF

# Monochromacy



**Original Color**  
F68FC7



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
CCA7BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F68FC7 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 #F68FC7 looks like.

```
.text, #text, p{  
    color:#F68FC7  
}
```

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 #F68FC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F68FC7
}
```

## Border

The CSS property to change the border of an element to Hex F68FC7 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
#F68FC7 }
```

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

```
.border{ border-color:#F68FC7 }
```

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

Here you see how a box with a 4 pixel #F68FC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F68FC7; -webkit-box-shadow:4px 4px  
4px 4px #F68FC7; box-shadow:4px 4px 4px  
4px #F68FC7 }
```

# Background

The CSS property to change the background color of an element to Hex F68FC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F68FC7 }
```

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

```
.background{ background-color:#F68FC7 }
```

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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