

# Converting Colors

Hex(F098BF)

Have a look what the booklet for  
Hex(F098BF) contains.

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# **Color**

**Hex(F098BF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F098BF
RGB	240, 152, 191
RGB Percent	94%, 60%, 75%
CMY	0.0588, 0.4039, 0.2510
CMYK	0.00, 0.37, 0.20, 0.06
HSL	333°, 75%, 77%
HSV	333°, 37%, 94%
XYZ	56.5674, 44.7433, 54.9451
YIQ	182.7580, 39.9290, 30.7850

# Conversions

## Conversions Part 2

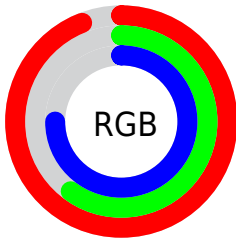
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 152, 191
Decimal	15767743
CIE Lab	72.72, 38.15, -6.26
CIE LCh	73, 38.662, 350.685
Yxy	44.7433, 0.3620, 0.2863
Android (android.graphics.Color)	4293957823 (0xFFFF098BF)
YUV	182.7580, 4.0633, 50.2012
Hunter-Lab	66.8905, 33.8942, -1.8786

# Details

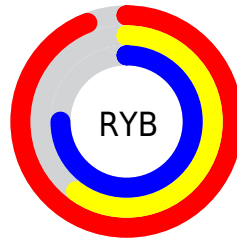
The Hex color **F098BF** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **98F0C9**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFCFF7**, and **B6638A** is the 20% darker color. If you saturate the color by 10%, you get **F080B2**, and if you desaturate by 10%, it is **F0B0CC**.

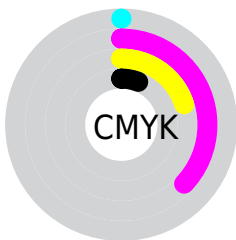
# Distribution



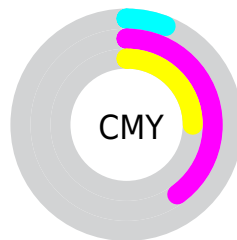
- Red (94%)
- Green (60%)
- Blue (75%)



- Red (94%)
- Yellow (60%)
- Blue (75%)



- Cyan (0%)
- Magenta (37%)
- Yellow (20%)
- Black (6%)



- Cyan (6%)
- Magenta (40%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F098BF 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 F098BF by changing the saturation by 10% instead.



 F098BF

 F098BF

FFFFFF

 D37DA4

 FFCFF7

 B6638A

 FFECFF

 9A4A70

 7F3158

 651741

 4B002B

 330016

 100000

 000000

 F098BF

 F098BF

 F080B2

 F0B0CC

 F068A4

 F0C8DA

 F05097

 F0E0E7

 F0388A

 F0F8F4

 F0207C

 F0FFFF

 F0086F

 F0006A

# Harmonies

## Analogous

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



D4A1E0



F098BF



F8989B

# Triad

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



F098BF



B1B86F



2EC1E8

# Complementary

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



F098BF



98F0C9

# 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.



28C5CA



F098BF



88C084

# Square

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



F098BF



D4AD6C



5AC5A6



6CB9F8

# Rectangle

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



F098BF



F29D86



5AC5A6



1EC3DF



# Sweetspot

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



F098BF



FFE3EF



C898F0



806F76



000000



808080



# Same Dimension

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



F098BF



FF8FC1



F09C98



786C71



B80051



380019



# Inverse Universe

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



F098BF



FF8FC1



98ECF0



786C71



B80051



380019



# Previews

## White Background



This preview shows how the Hex color F098BF looks on a white background.

## Color Contrast Check

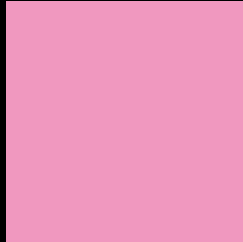
Large Text (above 18pt) WCAG AA × Fail

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 F098BF 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 F098BF Background



This preview shows how black text looks on a background with the Hex color F098BF.



This preview shows how white text looks on a background with the Hex color F098BF.

# 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**  
EE9CA8

# Trichromacy



**Original Color**  
F098BF



**Protanomaly**  
C6A8C9



**Deuteranomaly**  
D1A6BC



**Tritanomaly**  
EF9BB0

# Monochromacy



**Original Color**  
F098BF



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
CCACBA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F098BF 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 #F098BF looks like.

```
.text, #text, p{  
    color:#F098BF  
}
```

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 #F098BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F098BF }  
}
```

## Border

The CSS property to change the border of an element to Hex F098BF 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 #F098BF }  
}
```

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

```
.border{ border-color:#F098BF }
```

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

Here you see how a box with a 4 pixel #F098BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F098BF; -webkit-box-shadow:4px 4px  
4px 4px #F098BF; box-shadow:4px 4px 4px  
4px #F098BF }
```

# Background

The CSS property to change the background color of an element to Hex F098BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F098BF }
```

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

```
.background{ background-color:#F098BF }
```

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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