

# Converting Colors

Hex(F9BCEF)

Have a look what the booklet for  
Hex(F9BCEF) contains.

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# **Color**

**Hex(F9BCEF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9BCEF
RGB	249, 188, 239
RGB Percent	98%, 74%, 94%
CMY	0.0235, 0.2627, 0.0627
CMYK	0.00, 0.24, 0.04, 0.02
HSL	310°, 84%, 86%
HSV	310°, 24%, 98%
XYZ	72.6301, 62.3382, 89.8658
YIQ	212.0530, 19.9850, 28.7930

# Conversions

## Conversions Part 2

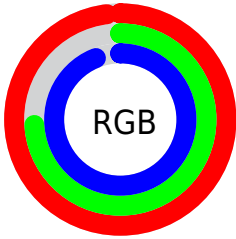
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	249, 188, 239
Decimal	16366831
CIE <sub>Lab</sub>	83.09, 29.99, -16.75
CIE <sub>LCh</sub>	83, 34.356, 330.814
Yxy	62.3382, 0.3230, 0.2773
Android (android.graphics.Color)	4294556911 (0xFFF9BCEF)
YUV	212.0530, 13.2849, 32.4025
Hunter-Lab	78.9545, 26.0314, -12.2155

# Details

The Hex color **F9BCEF** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **BCF9C6**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFF5FF**, and **C086B7** is the 20% darker color. If you saturate the color by 10%, you get **F9A3EB**, and if you desaturate by 10%, it is **F9D5F3**.

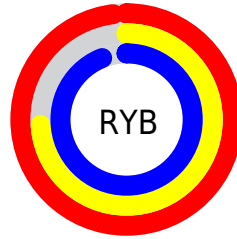
# Distribution



Red (98%)

Green (74%)

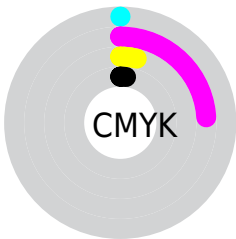
Blue (94%)



Red (98%)

Yellow (74%)

Blue (94%)

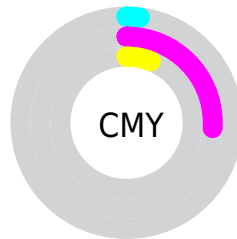


Cyan (0%)

Magenta (24%)

Yellow (4%)

Black (2%)



Cyan (2%)

Magenta (26%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F9BCEF 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 F9BCEF by changing the saturation by 10% instead.



 F9BCEF

FFFFFF

 FFF5FF

 F9BCEF

 DCA1D3

 C086B7

 A46C9C

 895382

 6F3B69

 562450

 3E0C39

 280024

 00000C

 F9BCEF

 F9BCEF

 F9A3EB

 F9D5F3

 F98AE7

 F9EEF7

 F971E3

 F9FFFB

 F958DF

 F9FFFF

 F940DB

 F927D7

 F90ED2

 F900D0

# Harmonies

## Analogous

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



D5C6FF



F9BCEF



FFB7CF

# Triad

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



F9BCEF



E5CD8E



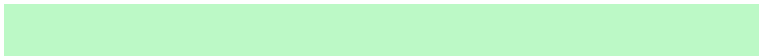
67E0EF

# Complementary

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



F9BCEF



BCF9C6

# 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.



7AE1CF



F9BCEF



C2D797

# Square

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



F9BCEF



FFC298



9DDEAE



7ADBFF

# Rectangle

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



F9BCEF



FFB8BA



9DDEAE



6AE1E5



# Sweetspot

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



F9BCEF



FFEDFC



C5BCF9



80757E



000000



808080



# Same Dimension

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



F9BCEF



FFB5F3



F9BCD1



7D707B



BD009E



3D0033



# Inverse Universe

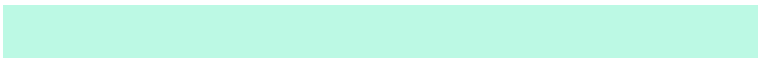
The Inverse Universe completely reimagines the original color for something new.



F9BCEF



FFB5F3



BCF9E4



7D707B



BD009E



3D0033



# Previews

## White Background



This preview shows how the Hex color F9BCEF looks on a white background.

## Color Contrast Check

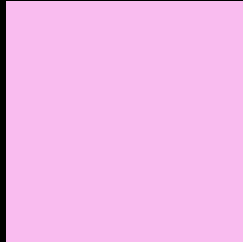
Large Text (above 18pt) WCAG AA × Fail

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 F9BCEF 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 F9BCEF Background



This preview shows how black text looks on a background with the Hex color F9BCEF.



This preview shows how white text looks on a background with the Hex color F9BCEF.

# 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**  
F5C1D0

# Trichromacy



**Original Color**  
F9BCEF



**Protanomaly**  
D8C7F7



**Deuteranomaly**  
E3C5ED

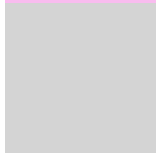


**Tritanomaly**  
F6BFDB

# Monochromacy



**Original Color**  
F9BCEF



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
E1CBDE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F9BCEF 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 #F9BCEF looks like.

```
.text, #text, p{  
    color:#F9BCEF  
}
```

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 #F9BCEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9BCEF
}
```

## Border

The CSS property to change the border of an element to Hex F9BCEF 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
#F9BCEF }
```

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

```
.border{ border-color:#F9BCEF }
```

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

Here you see how a box with a 4 pixel #F9BCEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9BCEF; -webkit-box-shadow:4px 4px  
4px 4px #F9BCEF; box-shadow:4px 4px 4px  
4px #F9BCEF }
```

# Background

The CSS property to change the background color of an element to Hex F9BCEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9BCEF }
```

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

```
.background{ background-color:#F9BCEF }
```

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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