

# Converting Colors

Hex(FFB6EF)

Have a look what the booklet for  
Hex(FFB6EF) contains.

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# Color

**Hex(FFB6EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB6EF
RGB	255, 182, 239
RGB Percent	100%, 71%, 94%
CMY	0.0000, 0.2863, 0.0627
CMYK	0.00, 0.29, 0.06, 0.00
HSL	313°, 100%, 86%
HSV	313°, 29%, 100%
XYZ	73.5479, 60.9479, 89.5491
YIQ	210.3250, 25.2110, 33.2030

# Conversions

## Conversions Part 2

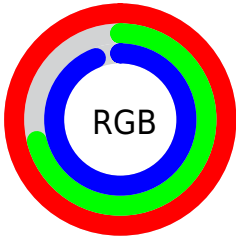
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 182, 239
Decimal	16758511
CIE <sub>Lab</sub>	82.35, 35.11, -17.81
CIE <sub>LCh</sub>	82, 39.371, 333.100
Yxy	60.9479, 0.3283, 0.2720
Android (android.graphics.Color)	4294948591 (0xFFFFB6EF)
YUV	210.3250, 14.1368, 39.1800
Hunter-Lab	78.0691, 31.5416, -13.3601

# Details

The Hex color **FFB6EF** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B6FFC6**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFEFFF**, and **C580B7** is the 20% darker color. If you saturate the color by 10%, you get **FF9DE9**, and if you desaturate by 10%, it is **FFD0F5**.

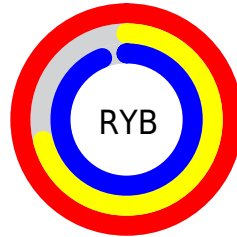
# Distribution



Red (100%)

Green (71%)

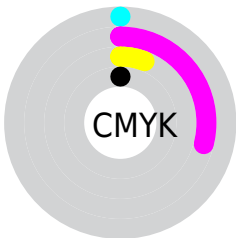
Blue (94%)



Red (100%)

Yellow (71%)

Blue (94%)

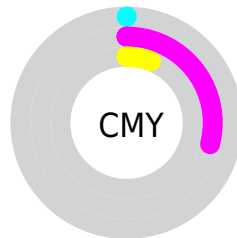


Cyan (0%)

Magenta (29%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFB6EF 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 FFB6EF by changing the saturation by 10% instead.



 FFB6EF

FFFFFF

 FFEFFF

 FFB6EF

 E29BD3

 C580B7

 AA669C

 8E4D82

 743569

 5A1C50

 410139

 2B0024

 00000B

 #FFB6EF

 #FFB6EF

 #FF9DE9

 #FFD0F5

 #FF83E4

 #FFE9FA

 #FF6ADE

#FFFFFF

 #FF50D9

 #FF37D3

 #FF1DCD

 #FF04C8

 #FF00C7

# Harmonies

## Analogous

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



D7C2FF



FFB6EF



FFB1CA

# Triad

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



FFB6EF



E2CC83



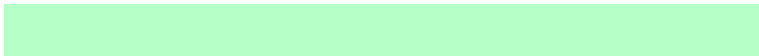
46E0F4

# Complementary

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



FFB6EF



B6FFC6

# 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.



62E1D0



FFB6EF



BBD78E

# Square

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



FFB6EF



FFBF8C



8FDEAA



66DAFF

# Rectangle

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



FFB6EF



FFB2B2



8FDEAA



4AE1E9



# Sweetspot

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



FFB6EF



FFE8FA



C6B6FF



80717C



000000



808080



# Same Dimension

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



FFB6EF



FFA8EC



FFB6CB



80737D



BF0095



400032



# Inverse Universe

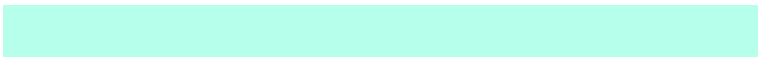
The Inverse Universe completely reimagines the original color for something new.



FFB6EF



FFA8EC



B6FFEA



80737D



BF0095



400032



# Previews

## White Background



This preview shows how the Hex color FFB6EF looks on a white background.

## Color Contrast Check

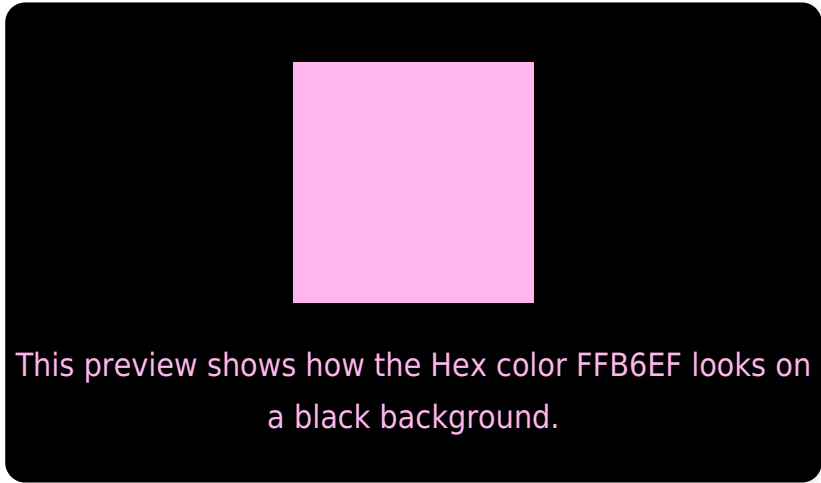
Large Text (above 18pt) WCAG AA × Fail

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 FFB6EF Background



This preview shows how black text looks on a background with the Hex color FFB6EF.



This preview shows how white text looks on a background with the Hex color FFB6EF.

# 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





# Trichromacy



**Original Color**  
FFB6EF



**Protanomaly**  
D8C3F8



**Deuteranomaly**  
E3C1ED

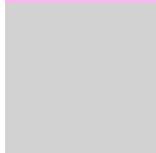


**Tritanomaly**  
FCBAD8

# Monochromacy



**Original Color**  
FFB6EF



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
E2C8DD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFB6EF 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 #FFB6EF looks like.

```
.text, #text, p{  
    color:#FFB6EF  
}
```

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 #FFB6EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB6EF
}
```

## Border

The CSS property to change the border of an element to Hex FFB6EF 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
#FFB6EF }
```

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

```
.border{ border-color:#FFB6EF }
```

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

Here you see how a box with a 4 pixel #FFB6EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB6EF; -webkit-box-shadow:4px 4px  
4px 4px #FFB6EF; box-shadow:4px 4px 4px  
4px #FFB6EF }
```

# Background

The CSS property to change the background color of an element to Hex FFB6EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB6EF }
```

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

```
.background{ background-color:#FFB6EF }
```

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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