

# Converting Colors

Hex(FFB0EE)

Have a look what the booklet for  
Hex(FFB0EE) contains.

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# **Color**

**Hex(FFB0EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB0EE
RGB	255, 176, 238
RGB Percent	100%, 69%, 93%
CMY	0.0000, 0.3098, 0.0667
CMYK	0.00, 0.31, 0.07, 0.00
HSL	313°, 100%, 85%
HSV	313°, 31%, 100%
XYZ	72.1980, 58.4837, 88.3722
YIQ	206.6890, 27.1820, 36.0300

# Conversions

## Conversions Part 2

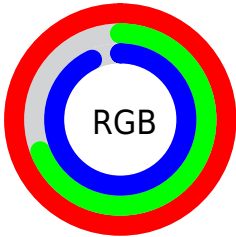
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 176, 238
Decimal	16756974
CIE <sub>Lab</sub>	81.01, 38.08, -19.31
CIE <sub>LCh</sub>	81, 42.691, 333.115
Yxy	58.4837, 0.3296, 0.2670
Android (android.graphics.Color)	4294947054 (0xFFFFB0EE)
<b>YUV</b>	206.6890, 15.4363, 42.3687
Hunter-Lab	76.4746, 34.6871, -14.9818

# Details

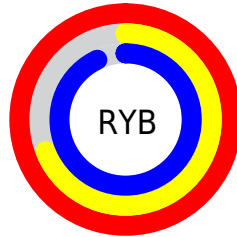
The Hex color **FFB0EE** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **B0FFC1**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFE8FF**, and **C57AB6** is the 20% darker color. If you saturate the color by 10%, you get **FF96E9**, and if you desaturate by 10%, it is **FFCAF3**.

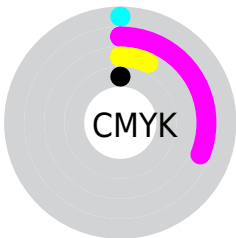
# Distribution



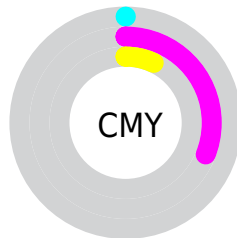
- Red (100%)
- Green (69%)
- Blue (93%)



- Red (100%)
- Yellow (69%)
- Blue (93%)



- Cyan (0%)
- Magenta (31%)
- Yellow (7%)
- Black (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFB0EE 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 FFB0EE by changing the saturation by 10% instead.



 FFB0EE

 FFB0EE

FFFFFF

 E295D2

 FFE8FF

 C57AB6

 A9609B

 8E4781

 732E68

 5A1550

 400038

 2B0023

 000009

 #FFB0EE

 #FFB0EE

 #FF96E9

 #FFCAE3

 #FF7DE3

 #FFE3F9

 #FF63DE

 #FFDFE

 #FF4AD8

#FFFFFF

 #FF31D3

 #FF17CD

 #FF00C8

# Harmonies

## Analogous

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



D3BDFE



FFB0EE



FFAACC

# Triad

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



FFB0EE



DFC879



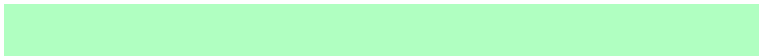
18DDF3

# Complementary

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



FFB0EE



B0FFC1

# 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.



4DDFCC



FFB0EE



B5D485

# Square

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



FFB0EE



FFBA83



85DBA4



4ED7FF

# Rectangle

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



FFB0EE



FFACAC



85DBA4



25DEE7



# Sweetspot

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



FFB0EE



FFE8FA



COB0FF



80717C



000000



808080



# Same Dimension

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



FFB0EE



FFA1EB



FFB0C8



80737D



BF0096



400032



# Inverse Universe

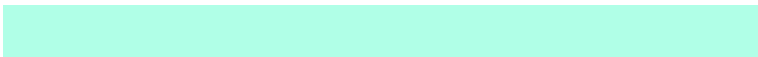
The Inverse Universe completely reimagines the original color for something new.



FFB0EE



FFA1EB



B0FFE7



80737D



BF0096



400032



# Previews

## White Background



This preview shows how the Hex color FFB0EE looks on a white background.

## Color Contrast Check

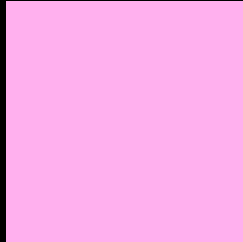
Large Text (above 18pt) WCAG AA × Fail

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 FFB0EE 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 FFB0EE Background



This preview shows how black text looks on a background with the Hex color FFB0EE.

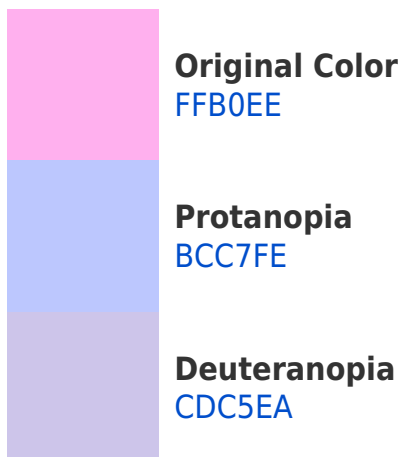


This preview shows how white text looks on a background with the Hex color FFB0EE.

# 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**  
FAB8C6

# Trichromacy



**Original Color**  
FFB0EE



**Protanomaly**  
D4BFF8



**Deuteranomaly**  
DFBDEB

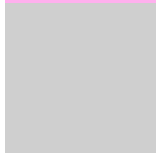


**Tritanomaly**  
FCB5D5

# Monochromacy



**Original Color**  
FFB0EE



**Achromatopsia**  
CFCFCF



**Achromatomaly**  
E0C4DA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFB0EE 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 #FFB0EE looks like.

```
.text, #text, p{  
  color:#FFB0EE  
}
```

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 #FFB0EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB0EE
}
```

## Border

The CSS property to change the border of an element to Hex FFB0EE 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
#FFB0EE }
```

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

```
.border{ border-color:#FFB0EE }
```

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

Here you see how a box with a 4 pixel #FFB0EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB0EE; -webkit-box-shadow:4px 4px  
4px 4px #FFB0EE; box-shadow:4px 4px 4px  
4px #FFB0EE }
```

# Background

The CSS property to change the background color of an element to Hex FFB0EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB0EE }
```

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

```
.background{ background-color:#FFB0EE }
```

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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