

# Converting Colors

Hex(FFB1EA)

Have a look what the booklet for  
Hex(FFB1EA) contains.

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# **Color**

**Hex(FFB1EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB1EA
RGB	255, 177, 234
RGB Percent	100%, 69%, 92%
CMY	0.0000, 0.3059, 0.0824
CMYK	0.00, 0.31, 0.08, 0.00
HSL	316°, 100%, 85%
HSV	316°, 31%, 100%
XYZ	71.8134, 58.6448, 85.3765
YIQ	206.8200, 28.1910, 34.2630

# Conversions

## Conversions Part 2

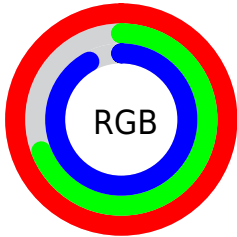
Format	Color
R <sub>Y</sub> B	255, 177, 234
Decimal	16757226
CIE Lab	81.10, 36.88, -17.02
CIE LCh	81, 40.620, 335.229
Yxy	58.6448, 0.3327, 0.2717
Android (android.graphics.Color)	4294947306 (0xFFFFB1EA)
YUV	206.8200, 13.3997, 42.2539
Hunter-Lab	76.5799, 33.3750, -12.4946

# Details

The Hex color **FFB1EA** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **B1FFC6**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFE9FF**, and **C57BB2** is the 20% darker color. If you saturate the color by 10%, you get **FF97E3**, and if you desaturate by 10%, it is **FFCBF1**.

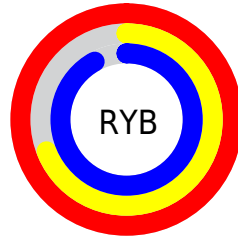
# Distribution



Red (100%)

Green (69%)

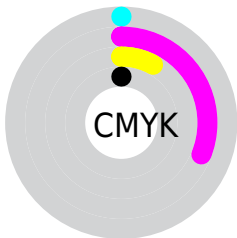
Blue (92%)



Red (100%)

Yellow (69%)

Blue (92%)

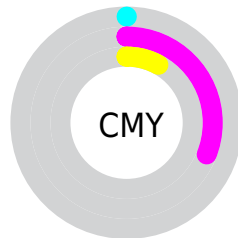


Cyan (0%)

Magenta (31%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFB1EA 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 FFB1EA by changing the saturation by 10% instead.



 FFB1EA

 FFB1EA

FFFFFF

 E296CE

 FFE9FF

 C57BB2

 A96197

 8E487D

 733064

 5A164C

 410035

 2B0020

 000004

 #FFB1EA

 #FFB1EA

 #FF97E3

 #FFCBF1

 #FF7EDC

 #FFE4F8

 #FF64D5

#FFFEFF

 #FF4BCF

FFFFFF

 #FF31C8

 #FF18C1

 #FF00BA

# Harmonies

## Analogous

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



D7BDFF



FFB1EA



FFACC4

# Triad

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



FFB1EA



DCC97D



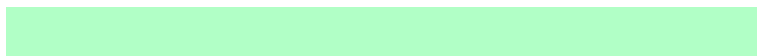
36DCF4

# Complementary

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



FFB1EA



B1FFC6

# 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.



55DECF



FFB1EA



B4D48A

# Square

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



FFB1EA



FDBC85



86DBA8



5FD6FF

# Rectangle

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



FFB1EA



FFAEAB



86DBA8



3ADDE8



# Sweetspot

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



FFB1EA



FFE8F9



C6B1FF



80717C



000000



808080



# Same Dimension

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



FFB1EA



FFA1E6



FFB1C3



80737C



BF008C



40002F



# Inverse Universe

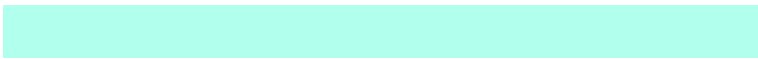
The Inverse Universe completely reimagines the original color for something new.



FFB1EA



FFA1E6



B1FFED



80737C



BF008C



40002F



# Previews

## White Background



This preview shows how the Hex color FFB1EA looks on a white background.

## Color Contrast Check

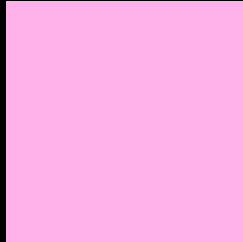
Large Text (above 18pt) WCAG AA × Fail

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 FFB1EA 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 FFB1EA Background



This preview shows how black text looks on a background with the Hex color FFB1EA.



This preview shows how white text looks on a background with the Hex color FFB1EA.

# 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**  
FFB1EA



**Protanomaly**  
D6C0F4



**Deuteranomaly**  
E1BEE7

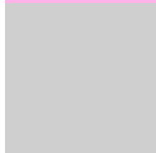


**Tritanomaly**  
FCB5D3

# Monochromacy



**Original Color**  
FFB1EA



**Achromatopsia**  
CFCFCF



**Achromatomaly**  
E0C4D9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFB1EA 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 #FFB1EA looks like.

```
.text, #text, p{  
    color:#FFB1EA  
}
```

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 #FFB1EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB1EA
}
```

## Border

The CSS property to change the border of an element to Hex FFB1EA 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
#FFB1EA }
```

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

```
.border{ border-color:#FFB1EA }
```

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

Here you see how a box with a 4 pixel #FFB1EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB1EA; -webkit-box-shadow:4px 4px  
4px 4px #FFB1EA; box-shadow:4px 4px 4px  
4px #FFB1EA }
```

# Background

The CSS property to change the background color of an element to Hex FFB1EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB1EA }
```

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

```
.background{ background-color:#FFB1EA }
```

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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