

# Converting Colors

Hex(FFB7E7)

Have a look what the booklet for  
Hex(FFB7E7) contains.

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# Color

**Hex(FFB7E7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB7E7
RGB	255, 183, 231
RGB Percent	100%, 72%, 91%
CMY	0.0000, 0.2824, 0.0941
CMYK	0.00, 0.28, 0.09, 0.00
HSL	320°, 100%, 86%
HSV	320°, 28%, 100%
XYZ	72.5973, 60.8965, 83.5292
YIQ	210.0000, 27.5040, 30.1920

# Conversions

## Conversions Part 2

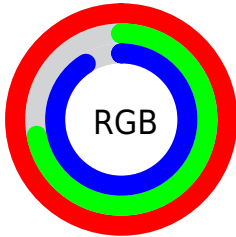
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 183, 231
Decimal	16758759
CIE Lab	82.32, 33.24, -13.56
CIE LCh	82, 35.905, 337.804
Yxy	60.8965, 0.3345, 0.2806
Android (android.graphics.Color)	4294948839 (0xFFFFB7E7)
YUV	210.0000, 10.3530, 39.4650
Hunter-Lab	78.0362, 29.4957, -8.8381

# Details

The Hex color **FFB7E7** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B7FFCF**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFF0FF**, and **C581AF** is the 20% darker color. If you saturate the color by 10%, you get **FF9EDF**, and if you desaturate by 10%, it is **FFD1F0**.

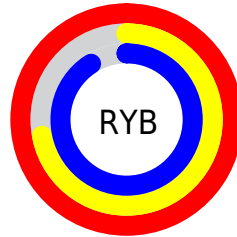
# Distribution



Red (100%)

Green (72%)

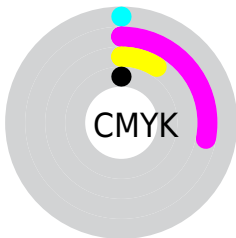
Blue (91%)



Red (100%)

Yellow (72%)

Blue (91%)

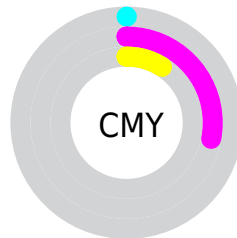


Cyan (0%)

Magenta (28%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFB7E7 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 FFB7E7 by changing the saturation by 10% instead.



 FFB7E7

FFFFFF

 FFF0FF

 FFB7E7

 E29CCB

 C581AF

 AA6795


 8E4E7B

 743662

 5A1E4A

 410433

 2B001E

 000001

 #FFB7E7

 #FFB7E7

 #FF9EDF

 #FFD1F0

 #FF84D6

 #FFEAF8

 #FF6ACE

#FFFFFF

 #FF51C5

 #FF38BD

 #FF1EB4

 #FF05AC

 #FF00AA

# Harmonies

## Analogous

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



DDC1FF



FFB7E7



FFB3C5

# Triad

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



FFB7E7



DCCE8A



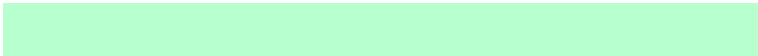
5EDDF5

# Complementary

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



FFB7E7



B7FFCF

# 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.



6BDFD5



FFB7E7



B7D797

# Square

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



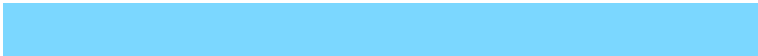
FFB7E7



FAC28F



8FDDB2



7BD7FF

# Rectangle

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



FFB7E7



FFB6AF



8FDDB2



5DDFEB



# Sweetspot

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



FFB7E7



FFEBF8



CFB7FF



80737B



000000



808080



# Same Dimension

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



FFB7E7



FFA8E2



FFB7C3



80737B



BF0080



40002B



# Inverse Universe

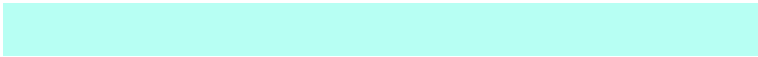
The Inverse Universe completely reimagines the original color for something new.



FFB7E7



FFA8E2



B7FFF3



80737B



BF0080

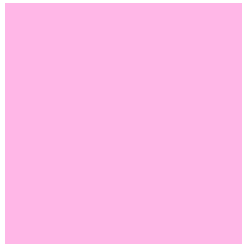


40002B



# Previews

## White Background



This preview shows how the Hex color FFB7E7 looks on a white background.

## Color Contrast Check

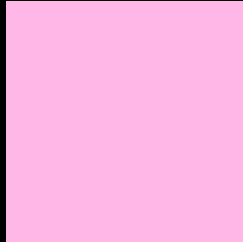
Large Text (above 18pt) WCAG AA × Fail

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 FFB7E7 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 FFB7E7 Background



This preview shows how black text looks on a background with the Hex color FFB7E7.

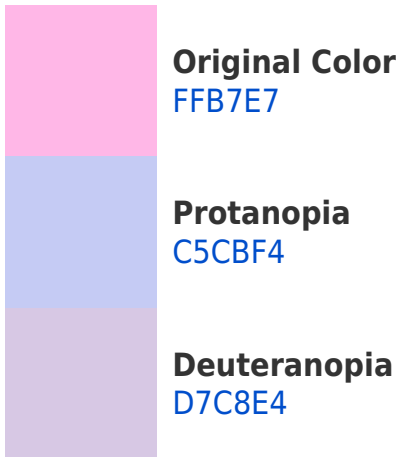


This preview shows how white text looks on a background with the Hex color FFB7E7.

# 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**  
FFB7E7



**Protanomaly**  
DAC4EF



**Deuteranomaly**  
E6C2E5

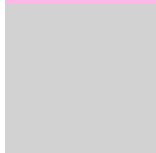


**Tritanomaly**  
FCBAD5

# Monochromacy



**Original Color**  
FFB7E7



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
E2C8DA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFB7E7 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 #FFB7E7 looks like.

```
.text, #text, p{  
    color:#FFB7E7  
}
```

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 #FFB7E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB7E7  
}
```

## Border

The CSS property to change the border of an element to Hex FFB7E7 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  
#FFB7E7 }
```

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

```
.border{ border-color:#FFB7E7 }
```

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

Here you see how a box with a 4 pixel #FFB7E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB7E7; -webkit-box-shadow:4px 4px  
4px 4px #FFB7E7; box-shadow:4px 4px 4px  
4px #FFB7E7 }
```

# Background

The CSS property to change the background color of an element to Hex FFB7E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB7E7 }
```

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

```
.background{ background-color:#FFB7E7 }
```

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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