

# Converting Colors

Hex(FFB9E4)

Have a look what the booklet for  
Hex(FFB9E4) contains.

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# Color

**Hex(FFB9E4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB9E4
RGB	255, 185, 228
RGB Percent	100%, 73%, 89%
CMY	0.0000, 0.2745, 0.1059
CMYK	0.00, 0.27, 0.11, 0.00
HSL	323°, 100%, 86%
HSV	323°, 27%, 100%
XYZ	72.5926, 61.5594, 81.4549
YIQ	210.8320, 27.9170, 28.2130

# Conversions

## Conversions Part 2

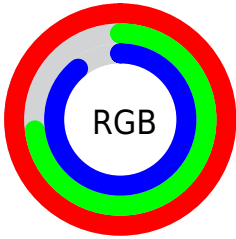
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 185, 228
Decimal	16759268
CIE <sub>Lab</sub>	82.68, 31.70, -11.42
CIE <sub>LCh</sub>	83, 33.697, 340.185
Yxy	61.5594, 0.3367, 0.2855
Android (android.graphics.Color)	4294949348 (0xFFFFB9E4)
YUV	210.8320, 8.4638, 38.7353
Hunter-Lab	78.4598, 27.8472, -6.6315

# Details

The Hex color **FFB9E4** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B9FFD4**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFF2FF**, and **C583AD** is the 20% darker color. If you saturate the color by 10%, you get **FFA0DA**, and if you desaturate by 10%, it is **FFD3EE**.

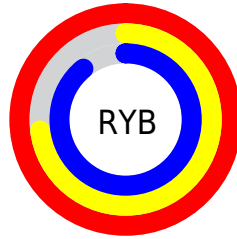
# Distribution



Red (100%)

Green (73%)

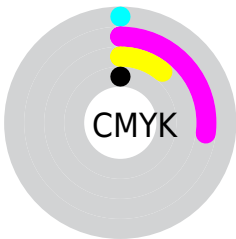
Blue (89%)



Red (100%)

Yellow (73%)

Blue (89%)

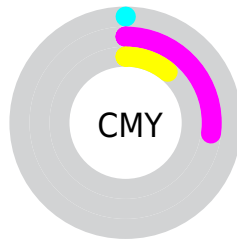


Cyan (0%)

Magenta (27%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFB9E4 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 FFB9E4 by changing the saturation by 10% instead.



 FFB9E4

 FFB9E4

FFFFFF

 E29EC8

 FFF2FF

 C583AD

 AA6992

 8E5078

 74385F

 5A2048

 420731

 2B001C

 000000

 #FFB9E4

 #FFB9E4

 #FFA0DA

 #FFD3EE

 #FF86D0

 #FFECF8

 #FF6CC6

#FFFFFF

 #FF53BD

 #FF39B3

 #FF20A9

 #FF079F

 #FF009D

# Harmonies

## Analogous

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



E0C2FE



FFB9E4



FFB6C4

# Triad

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



FFB9E4



D9CF8F



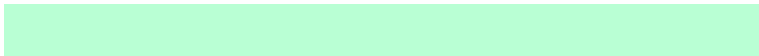
6BDDF6

# Complementary

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



FFB9E4



B9FFD4

# 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.



72DFD8



FFB9E4



B6D89D

# Square

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



FFB9E4



F7C593



92DEB7



87D7FF

# Rectangle

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



FFB9E4



FFB9AF



92DEB7



69DEEC



# Sweetspot

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



FFB9E4



FFEBF7



D4B9FF



80737B



000000



808080



# Same Dimension

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



FFB9E4



FFABDF



FFB9C1



80737B



BF0075



400027



# Inverse Universe

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



FFB9E4



FFABDF



B9FFF7



80737B



BF0075



400027



# Previews

## White Background



This preview shows how the Hex color FFB9E4 looks on a white background.

## Color Contrast Check

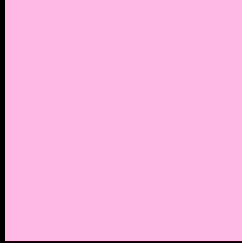
Large Text (above 18pt) WCAG AA × Fail

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 FFB9E4 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 FFB9E4 Background



This preview shows how black text looks on a background with the Hex color FFB9E4.

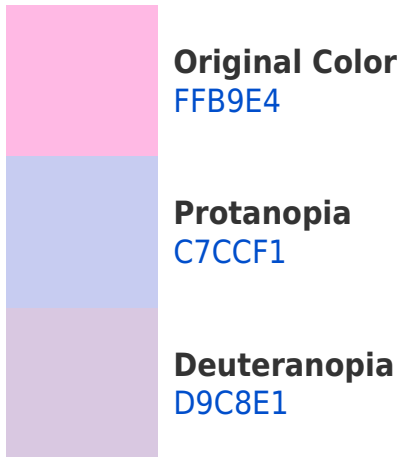


This preview shows how white text looks on a background with the Hex color FFB9E4.

# 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

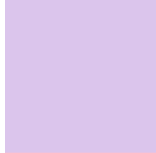




# Trichromacy



**Original Color**  
FFB9E4



**Protanomaly**  
DBC5EC



**Deuteranomaly**  
E7C3E2

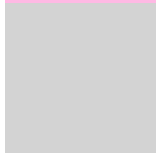


**Tritanomaly**  
FDBCD5

# Monochromacy



**Original Color**  
FFB9E4



**Achromatopsia**  
D3D3D3



**Achromatomaly**  
E3CAD9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFB9E4 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 #FFB9E4 looks like.

```
.text, #text, p{  
    color:#FFB9E4  
}
```

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 #FFB9E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB9E4
}
```

## Border

The CSS property to change the border of an element to Hex FFB9E4 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
#FFB9E4 }
```

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

```
.border{ border-color:#FFB9E4 }
```

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

Here you see how a box with a 4 pixel #FFB9E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB9E4; -webkit-box-shadow:4px 4px  
4px 4px #FFB9E4; box-shadow:4px 4px 4px  
4px #FFB9E4 }
```

# Background

The CSS property to change the background color of an element to Hex FFB9E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB9E4 }
```

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

```
.background{ background-color:#FFB9E4 }
```

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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