

# Converting Colors

Hex(FFB7B0)

Have a look what the booklet for  
Hex(FFB7B0) contains.

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# **Color**

**Hex(FFB7B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB7B0
RGB	255, 183, 176
RGB Percent	100%, 72%, 69%
CMY	0.0000, 0.2824, 0.3098
CMYK	0.00, 0.28, 0.31, 0.00
HSL	5°, 100%, 85%
HSV	5°, 31%, 100%
XYZ	66.0100, 58.2616, 48.8408
YIQ	203.7300, 45.1590, 13.0870

# Conversions

## Conversions Part 2

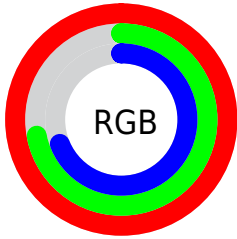
Format	Color
R <sub>Y</sub> B	255, 184, 176
Decimal	16758704
CIE Lab	80.88, 25.18, 13.94
CIE LCh	81, 28.785, 28.972
Yxy	58.2616, 0.3813, 0.3366
Android (android.graphics.Color)	4294948784 (0xFFFFB7B0)
YUV	203.7300, -13.6709, 44.9638
Hunter-Lab	76.3293, 20.7916, 15.4926

# Details

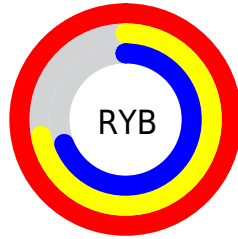
The Hex color **FFB7B0** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **B0F8FF**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFEFE8**, and **C5827C** is the 20% darker color. If you saturate the color by 10%, you get **FFA096**, and if you desaturate by 10%, it is **FFCECA**.

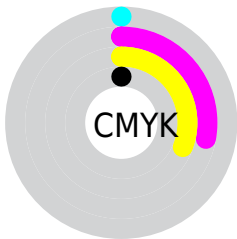
# Distribution



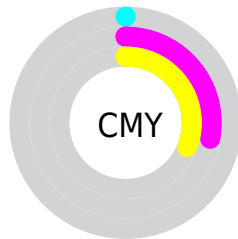
- Red (100%)
- Green (72%)
- Blue (69%)



- Red (100%)
- Yellow (72%)
- Blue (69%)



- Cyan (0%)
- Magenta (28%)
- Yellow (31%)
- Black (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFB7B0 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 FFB7B0 by changing the saturation by 10% instead.



 FFB7B0

 FFB7B0

FFFFFF

 E29C95

 FFEFE8

 C5827C

 A86863

 8D4F4B

 723834

 57211F

 3E0907

 280001

 000000

 #FFB7B0

 #FFB7B0

 #FFA096

 #FFCECA

 #FF897D

 #FFE5E3

 #FF7163

 #FFFDFD

 #FF5A4A

 #FFFFFF

 #FF4331

 #FF2C17

 #FF1700

# Harmonies

## Analogous

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



FCB5CB



FFB7B0



F4BE9C

# Triad

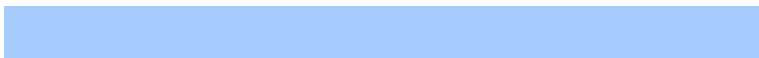
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FFB7B0



A2D5AC



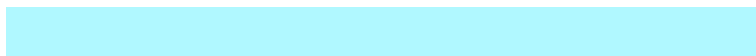
A6CCFE

# Complementary

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



FFB7B0



B0F8FF

# 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.



85D3F6



FFB7B0



86D8C7

# Square

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



FFB7B0



C1CF99



79D7E2



CCC2F8

# Rectangle

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



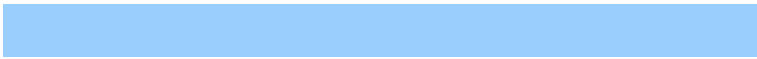
FFB7B0



E6C494



79D7E2



9ACEFD

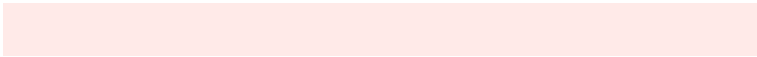


# Sweetspot

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



FFB7B0



FFEAE8



FFB0F8



807371



000000



808080



# Same Dimension

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



FFB7B0



FFA9A1



FFDEB0



807473



BF1100



400600



# Inverse Universe

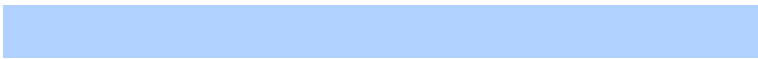
The Inverse Universe completely reimagines the original color for something new.



B0F8FF



A1F7FF



B0D1FF



737E80



00AEBF



003A40



# Previews

## White Background



This preview shows how the Hex color FFB7B0 looks on a white background.

## Color Contrast Check

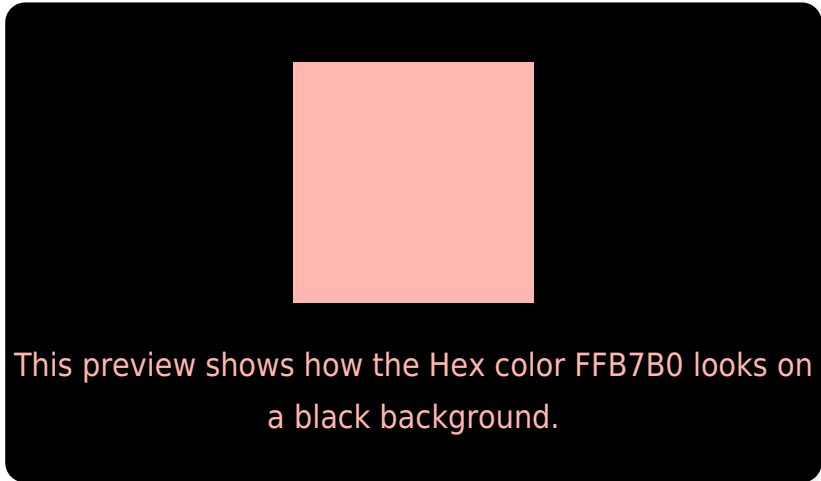
Large Text (above 18pt) WCAG AA × Fail

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 FFB7B0 Background



This preview shows how black text looks on a background with the Hex color FFB7B0.

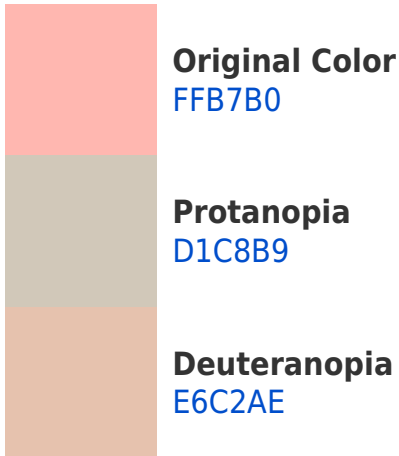


This preview shows how white text looks on a background with the Hex color FFB7B0.

# 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



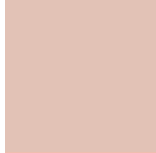


**Tritanopia**  
FFB5C2

# Trichromacy



**Original Color**  
FFB7B0



**Protanomaly**  
E2C2B6



**Deuteranomaly**  
EFBEAF

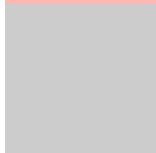


**Tritanomaly**  
FFB6BB

# Monochromacy



**Original Color**  
FFB7B0



**Achromatopsia**  
CCCCCC



**Achromatomaly**  
DFC4C2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFB7B0 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 #FFB7B0 looks like.

```
.text, #text, p{  
    color:#FFB7B0  
}
```

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 #FFB7B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB7B0
}
```

## Border

The CSS property to change the border of an element to Hex FFB7B0 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
#FFB7B0 }
```

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

```
.border{ border-color:#FFB7B0 }
```

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

Here you see how a box with a 4 pixel #FFB7B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB7B0; -webkit-box-shadow:4px 4px  
4px 4px #FFB7B0; box-shadow:4px 4px 4px  
4px #FFB7B0 }
```

# Background

The CSS property to change the background color of an element to Hex FFB7B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB7B0 }
```

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

```
.background{ background-color:#FFB7B0 }
```

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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