

# Converting Colors

Hex(FFB7B7)

Have a look what the booklet for  
Hex(FFB7B7) contains.

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# **Color**

**Hex(FFB7B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB7B7
RGB	255, 183, 183
RGB Percent	100%, 72%, 72%
CMY	0.0000, 0.2824, 0.2824
CMYK	0.00, 0.28, 0.28, 0.00
HSL	0°, 100%, 86%
HSV	0°, 28%, 100%
XYZ	66.7207, 58.5459, 52.5837
YIQ	204.5280, 42.9120, 15.2640

# Conversions

## Conversions Part 2

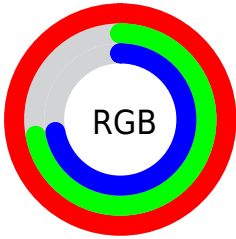
Format	Color
R <sub>Y</sub> B	255, 183, 183
Decimal	16758711
CIE Lab	81.04, 26.09, 10.40
CIE LCh	81, 28.084, 21.733
Yxy	58.5459, 0.3752, 0.3292
Android (android.graphics.Color)	4294948791 (0xFFFFB7B7)
YUV	204.5280, -10.6133, 44.2639
Hunter-Lab	76.5153, 21.7489, 12.8148

# Details

The Hex color **FFB7B7** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **B7FFFF**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFEFEF**, and **C58282** is the 20% darker color. If you saturate the color by 10%, you get **FF9E9E**, and if you desaturate by 10%, it is **FFD1D1**.

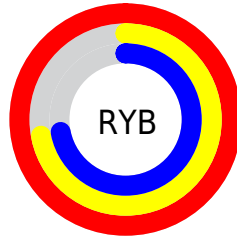
# Distribution



Red (100%)

Green (72%)

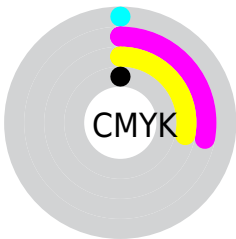
Blue (72%)



Red (100%)

Yellow (72%)

Blue (72%)

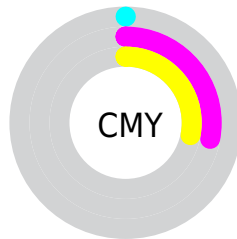


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFB7B7 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 FFB7B7 by changing the saturation by 10% instead.



 FFB7B7

 FFB7B7

FFFFFF

 E29C9C

 FFEFEF

 C58282

 A96869

 8D4F51

 72373A

 582024

 3F0910

 290001

 000000

 #FFB7B7

 #FFB7B7

 #FF9E9E

 #FFD1D1

 #FF8484

 #FFEAEA

 #FF6A6A

#FFFFFF

 #FF5151

 #FF3838

 #FF1E1E

 #FF0505

 #FF0000

# Harmonies

## Analogous

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



F9B7D2



FFB7B7



F7BDA1

# Triad

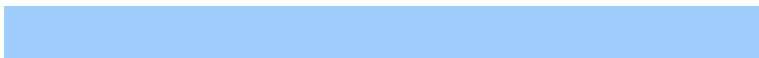
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FFB7B7



AAD4A8



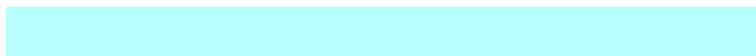
9FCEFD

# Complementary

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



FFB7B7



B7FFFF

# 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.



83D5F2



FFB7B7



8ED8C1

# Square

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



FFB7B7



C9CE98



7DD8DC



C4C5FA

# Rectangle

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



FFB7B7



EBC298



7DD8DC



94D0FA

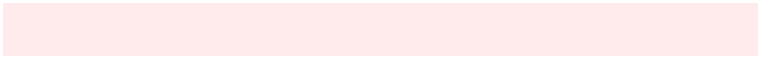


# Sweetspot

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



FFB7B7



FFE6E6



FFB7FF



807373



000000



808080



# Same Dimension

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



FFB7B7



FFA8A8



FFDDB7



807373



BF0000



400000



# Inverse Universe

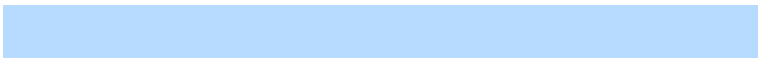
The Inverse Universe completely reimagines the original color for something new.



B7FFFF



A8FFFF



B7DBFF



738080



00BFBF

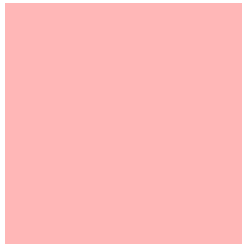


004040



# Previews

## White Background



This preview shows how the Hex color FFB7B7 looks on a white background.

## Color Contrast Check

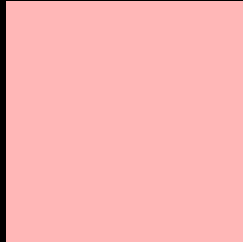
Large Text (above 18pt) WCAG AA × Fail

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 FFB7B7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

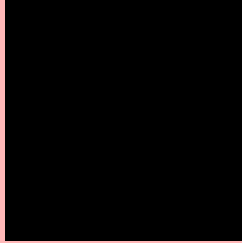
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FFB7B7 Background



This preview shows how black text looks on a background with the Hex color FFB7B7.

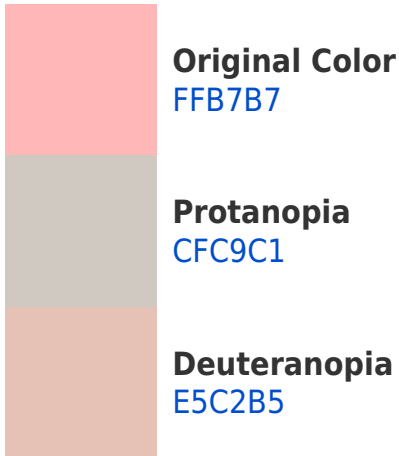


This preview shows how white text looks on a background with the Hex color FFB7B7.

# 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**  
FFB6C3

# Trichromacy



**Original Color**  
FFB7B7



**Protanomaly**  
E0C2BD



**Deuteranomaly**  
EE8EB6

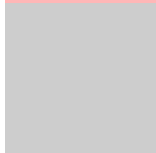


**Tritanomaly**  
FFB6BF

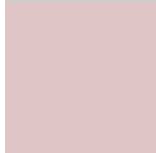
# Monochromacy



**Original Color**  
FFB7B7



**Achromatopsia**  
CDCDCD



**Achromatomaly**  
DFC5C5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFB7B7 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 #FFB7B7 looks like.

```
.text, #text, p{  
    color:#FFB7B7  
}
```

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 #FFB7B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB7B7
}
```

## Border

The CSS property to change the border of an element to Hex FFB7B7 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
#FFB7B7 }
```

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

```
.border{ border-color:#FFB7B7 }
```

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

Here you see how a box with a 4 pixel #FFB7B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB7B7; -webkit-box-shadow:4px 4px  
4px 4px #FFB7B7; box-shadow:4px 4px 4px  
4px #FFB7B7 }
```

# Background

The CSS property to change the background color of an element to Hex FFB7B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB7B7 }
```

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

```
.background{ background-color:#FFB7B7 }
```

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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