

# Converting Colors

Hex(FFB0B7)

Have a look what the booklet for  
Hex(FFB0B7) contains.

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# **Color**

**Hex(FFB0B7)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | FFB0B7                     |
| RGB         | 255, 176, 183              |
| RGB Percent | 100%, 69%, 72%             |
| CMY         | 0.0000, 0.3098, 0.2824     |
| CMYK        | 0.00, 0.31, 0.28, 0.00     |
| HSL         | 355°, 100%, 85%            |
| HSV         | 355°, 31%, 100%            |
| XYZ         | 65.3126, 55.7296, 52.1143  |
| YIQ         | 200.4190, 44.8370, 18.9250 |

# Conversions

## Conversions Part 2

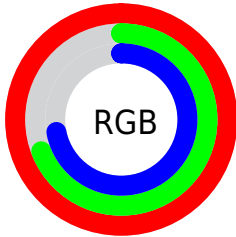
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 255, 176, 183                 |
| Decimal                             | 16756919                      |
| CIE Lab                             | 79.46, 29.76, 8.14            |
| CIE LCh                             | 79, 30.850, 15.300            |
| Yxy                                 | 55.7296, 0.3772,<br>0.3218    |
| Android<br>(android.graphics.Color) | 4294946999<br>(0xFFFFB0B7)    |
| YUV                                 | 200.4190, -8.5876,<br>47.8675 |
| Hunter-Lab                          | 74.6522, 25.5266,<br>10.8666  |

# Details

The Hex color **FFB0B7** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **B0FFF8**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFE8EF**, and **C57B82** is the 20% darker color. If you saturate the color by 10%, you get **FF96A0**, and if you desaturate by 10%, it is **FFCACE**.

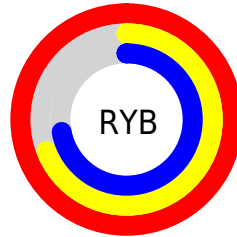
# Distribution



Red (100%)

Green (69%)

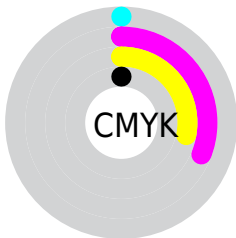
Blue (72%)



Red (100%)

Yellow (69%)

Blue (72%)

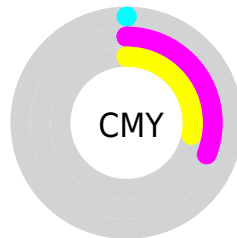


Cyan (0%)

Magenta (31%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFB0B7 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 FFB0B7 by changing the saturation by 10% instead.



 FFB0B7

 FFB0B7

FFFFFF

 E2959C

 FFE8EF

 C57B82

 A86169

 8D4851

 72313A

 571925

 3E0010

 290001

 000000

 #FFB0B7

 #FFB0B7

 #FF96A0

 #FFCACE

 #FF7D89

 #FFE3E5

 #FF6371

 #FFFDFD

 #FF4A5A

FFFFFF

 #FF3143

 #FF172C

 #FF0017

# Harmonies

## Analogous

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



F5B1D4



FFB0B7



F9B59D

# Triad

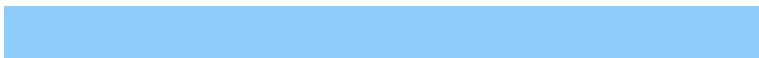
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FFB0B7



AACF9C



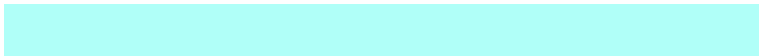
8DCCFC

# Complementary

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



FFB0B7



B0FFF8

# 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.



70D2ED



FFB0B7



89D4B5

# Square

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



FFB0B7



CAC88D



71D5D3



B6C2FC

# Rectangle

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



FFB0B7



EEBB91



71D5D3



81CEF8



# Sweetspot

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



FFB0B7



FFE8EA



F7B0FF



807173



000000



808080



# Same Dimension

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



FFB0B7



FFA1A9



FFD0B0



807374



BF0011



400006



# Inverse Universe

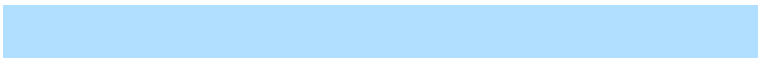
The Inverse Universe completely reimagines the original color for something new.



FFB0B7



FFA1A9



B0DFFF



807374



BF0011



400006



# Previews

## White Background



This preview shows how the Hex color FFB0B7 looks on a white background.

## Color Contrast Check

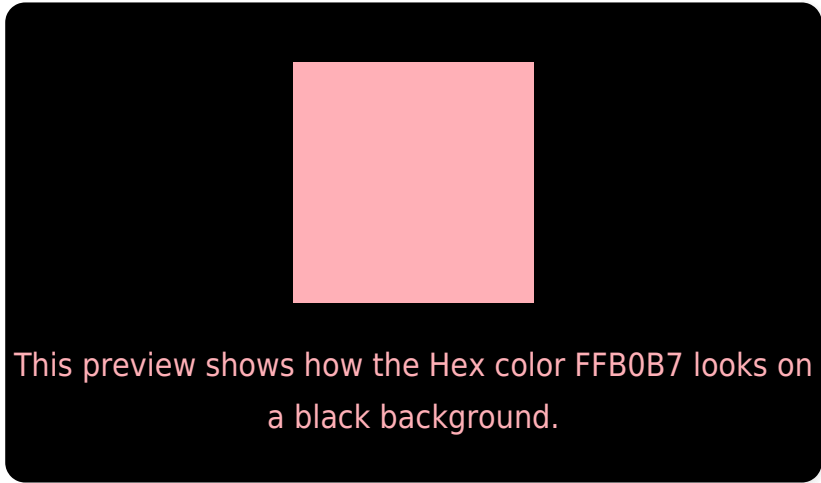
Large Text (above 18pt) WCAG AA × Fail

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 FFB0B7 Background



This preview shows how black text looks on a background with the Hex color FFB0B7.



This preview shows how white text looks on a background with the Hex color FFB0B7.

# 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



**Original Color**  
FFB0B7

**Protanopia**  
C9C4C2

**Deuteranopia**  
DFBEB4



**Tritanopia**  
FFAFBD

# Trichromacy



**Original Color**  
FFB0B7



**Protanomaly**  
DDBDBE



**Deuteranomaly**  
EBB9B5



**Tritanomaly**  
FFAFBB

# Monochromacy



**Original Color**  
FFB0B7



**Achromatopsia**  
C8C8C8



**Achromatomaly**  
DCBFC2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFB0B7 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 #FFB0B7 looks like.

```
.text, #text, p{  
  color:#FFB0B7  
}
```

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 #FFB0B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB0B7
}
```

## Border

The CSS property to change the border of an element to Hex FFB0B7 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
#FFB0B7 }
```

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

```
.border{ border-color:#FFB0B7 }
```

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

Here you see how a box with a 4 pixel #FFB0B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB0B7; -webkit-box-shadow:4px 4px  
4px 4px #FFB0B7; box-shadow:4px 4px 4px  
4px #FFB0B7 }
```

# Background

The CSS property to change the background color of an element to Hex FFB0B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB0B7 }
```

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

```
.background{ background-color:#FFB0B7 }
```

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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