

# Converting Colors

Hex(FFB3C1)

Have a look what the booklet for  
Hex(FFB3C1) contains.

<b>Hex(FFB3C1)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(FFB3C1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB3C1
RGB	255, 179, 193
RGB Percent	100%, 70%, 76%
CMY	0.0000, 0.2980, 0.2431
CMYK	0.00, 0.30, 0.24, 0.00
HSL	349°, 100%, 85%
HSV	349°, 30%, 100%
XYZ	66.9857, 57.3505, 57.9913
YIQ	203.3200, 40.8020, 20.4660

# Conversions

## Conversions Part 2

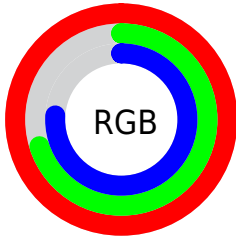
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 179, 193
Decimal	16757697
CIE <sub>Lab</sub>	80.38, 29.54, 4.05
CIE <sub>LCh</sub>	80, 29.818, 7.803
Yxy	57.3505, 0.3674, 0.3145
Android (android.graphics.Color)	4294947777 (0xFFFFB3C1)
YUV	203.3200, -5.0878, 45.3234
Hunter-Lab	75.7301, 25.3615, 7.6090

# Details

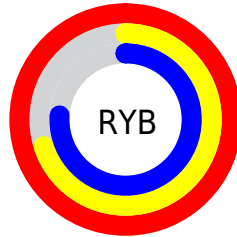
The Hex color **FFB3C1** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **B3FFF1**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFEBF9**, and **C57E8C** is the 20% darker color. If you saturate the color by 10%, you get **FF99AC**, and if you desaturate by 10%, it is **FFCCD6**.

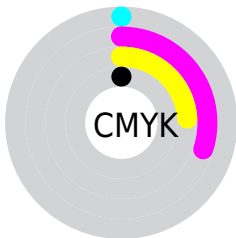
# Distribution



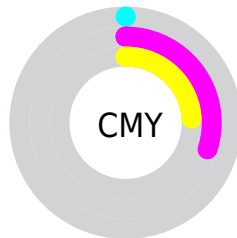
- Red (100%)
- Green (70%)
- Blue (76%)



- Red (100%)
- Yellow (70%)
- Blue (76%)



- Cyan (0%)
- Magenta (30%)
- Yellow (24%)
- Black (0%)



- Cyan (0%)
- Magenta (30%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFB3C1 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 FFB3C1 by changing the saturation by 10% instead.



 FFB3C1

FFFFFF

 FFEBF9

 FFB3C1

 E298A6

 C57E8C

 A96472

 8D4B5A

 723342

 581C2C

 3F0318

 2B0001

 000000

 #FFB3C1

 #FFB3C1

 #FF99AC

 #FFCCD6

 #FF8097

 #FFE6EB

 #FF6683

#FFFFFF

 #FF4D6E

 #FF3359

 #FF1A44

 #FF002F

# Harmonies

## Analogous

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



F1B6DD



FFB3C1



FDB7A7

# Triad

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



FFB3C1



B6D09B



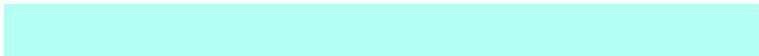
89D0FA

# Complementary

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



FFB3C1



B3FFF1

# 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.



74D5E9



FFB3C1



96D5B1

# Square

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



FFB3C1



D4C890



7BD7CE



AFC8FE

# Rectangle

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



FFB3C1



F4BC99



7BD7CE



7FD2F6



# Sweetspot

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



FFB3C1



FFE8EC



F0B3FF



807174



000000



808080



# Same Dimension

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



FFB3C1



FFA3B4



FFCAB3



807375



BF0023



40000C



# Inverse Universe

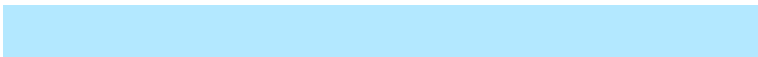
The Inverse Universe completely reimagines the original color for something new.



FFB3C1



FFA3B4



B3E8FF



807375



BF0023

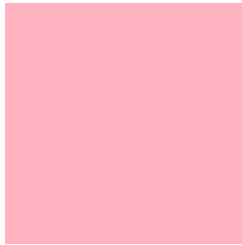


40000C



# Previews

## White Background



This preview shows how the Hex color FFB3C1 looks on a white background.

## Color Contrast Check

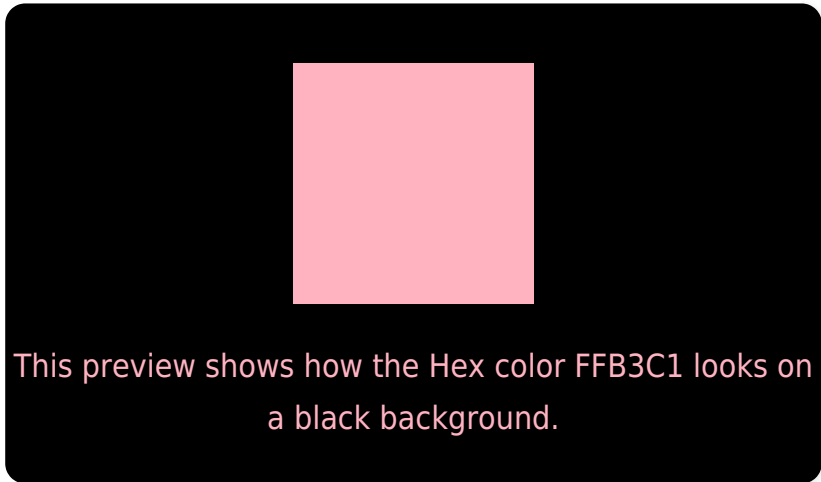
Large Text (above 18pt) WCAG AA × Fail

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 FFB3C1 Background



This preview shows how black text looks on a background with the Hex color FFB3C1.



This preview shows how white text looks on a background with the Hex color FFB3C1.

# 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**  
FFB3C1

# Trichromacy



**Original Color**  
FFB3C1



**Protanomaly**  
DDC0C8



**Deuteranomaly**  
EBBCBF

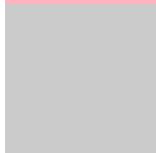


**Tritanomaly**  
FFB3C1

# Monochromacy



**Original Color**  
FFB3C1



**Achromatopsia**  
CBCBCB



**Achromatomaly**  
DEC2C7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFB3C1 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 #FFB3C1 looks like.

```
.text, #text, p{  
    color:#FFB3C1  
}
```

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 #FFB3C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB3C1  
}
```

## Border

The CSS property to change the border of an element to Hex FFB3C1 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  
#FFB3C1 }
```

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

```
.border{ border-color:#FFB3C1 }
```

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

Here you see how a box with a 4 pixel #FFB3C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB3C1; -webkit-box-shadow:4px 4px  
4px 4px #FFB3C1; box-shadow:4px 4px 4px  
4px #FFB3C1 }
```

# Background

The CSS property to change the background color of an element to Hex FFB3C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB3C1 }
```

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

```
.background{ background-color:#FFB3C1 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor