

# Converting Colors

Hex(FFB3B3)

Have a look what the booklet for  
Hex(FFB3B3) contains.

<b>Hex(FFB3B3)</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(FFB3B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB3B3
RGB	255, 179, 179
RGB Percent	100%, 70%, 70%
CMY	0.0000, 0.2980, 0.2980
CMYK	0.00, 0.30, 0.30, 0.00
HSL	0°, 100%, 85%
HSV	0°, 30%, 100%
XYZ	65.4968, 56.7549, 50.1506
YIQ	201.7240, 45.2960, 16.1120

# Conversions

## Conversions Part 2

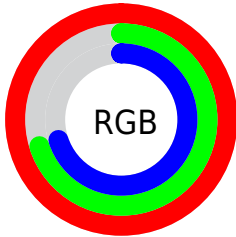
Format	Color
R <sub>Y</sub> B	255, 179, 179
Decimal	16757683
CIE Lab	80.04, 27.66, 11.13
CIE LCh	80, 29.820, 21.924
Yxy	56.7549, 0.3799, 0.3292
Android (android.graphics.Color)	4294947763 (0xFFFFB3B3)
YUV	201.7240, -11.2029, 46.7231
Hunter-Lab	75.3358, 23.3498, 13.2661

# Details

The Hex color **FFB3B3** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **B3FFFF**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFE7E7**, and **C57E7E** is the 20% darker color. If you saturate the color by 10%, you get **FF9999**, and if you desaturate by 10%, it is **FFCCCC**.

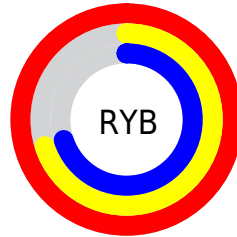
# Distribution



Red (100%)

Green (70%)

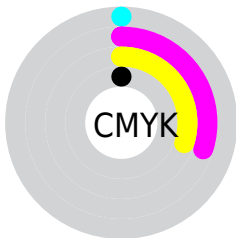
Blue (70%)



Red (100%)

Yellow (70%)

Blue (70%)

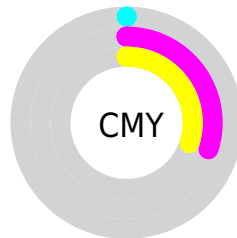


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFB3B3 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 FFB3B3 by changing the saturation by 10% instead.



 FFB3B3

 FFB3B3

FFFFFF

 E29898

 FFEFEB

 C57E7E

 A86465

 8D4B4D

 723437

 571C21

 3E040B

 290001

 000000

 #FFB3B3

 #FFB3B3

 #FF9999

 #FFCCCC

 #FF8080

 #FFE6E6

 #FF6666

#FFFFFF

 #FF4D4D

 #FF3333

 #FF1A1A

 #FF0000

# Harmonies

## Analogous

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



F9B3CF



FFB3B3



F6B99C

# Triad

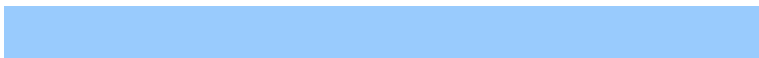
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FFB3B3



A5D2A3



99CBFD

# Complementary

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



FFB3B3



B3FFFF

# 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.



7AD2F1



FFB3B3



87D6BE

# Square

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



FFB3B3



C5CB92



74D6DA



C1C2FA

# Rectangle

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



FFB3B3



EABF92



74D6DA



8DCEFB

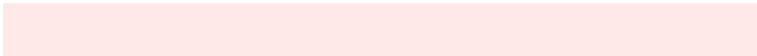


# Sweetspot

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



FFB3B3



FFE8E8



FFB3FF



807171



000000



808080



# Same Dimension

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



FFB3B3



FFA3A3



FFD9B3



807373



BF0000



400000



# Inverse Universe

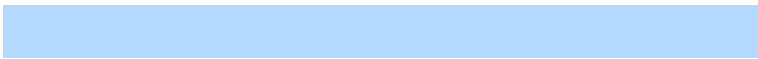
The Inverse Universe completely reimagines the original color for something new.



B3FFFF



A3FFFF



B3D9FF



738080



00BFBF

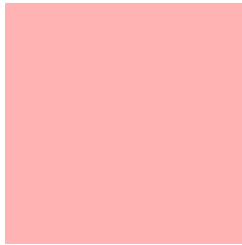


004040



# Previews

## White Background



This preview shows how the Hex color FFB3B3 looks on a white background.

## Color Contrast Check

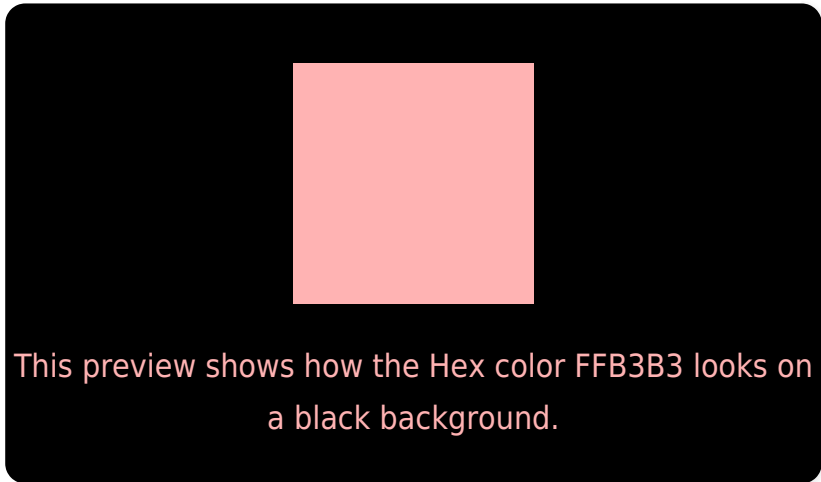
Large Text (above 18pt) WCAG AA × Fail

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 FFB3B3 Background



This preview shows how black text looks on a background with the Hex color FFB3B3.

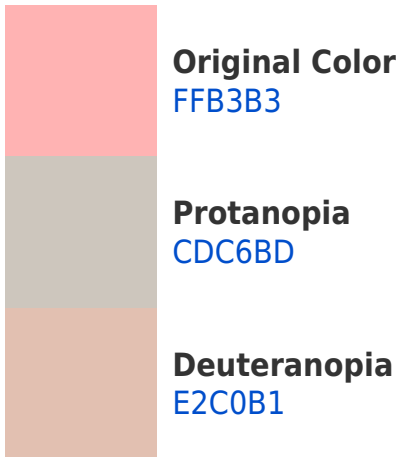


This preview shows how white text looks on a background with the Hex color FFB3B3.

# 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



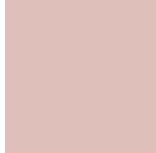


**Tritanopia**  
FFB2BF

# Trichromacy



**Original Color**  
FFB3B3



**Protanomaly**  
DFBBF9



**Deuteranomaly**  
EDBBB2



**Tritanomaly**  
FFB2BB

# Monochromacy



**Original Color**  
FFB3B3



**Achromatopsia**  
CACACA



**Achromatomaly**  
DDC2C2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFB3B3 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 #FFB3B3 looks like.

```
.text, #text, p{  
    color:#FFB3B3  
}
```

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 #FFB3B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB3B3
}
```

## Border

The CSS property to change the border of an element to Hex FFB3B3 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
#FFB3B3 }
```

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

```
.border{ border-color:#FFB3B3 }
```

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

Here you see how a box with a 4 pixel #FFB3B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB3B3; -webkit-box-shadow:4px 4px  
4px 4px #FFB3B3; box-shadow:4px 4px 4px  
4px #FFB3B3 }
```

# Background

The CSS property to change the background color of an element to Hex FFB3B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB3B3 }
```

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

```
.background{ background-color:#FFB3B3 }
```

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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