

# Converting Colors

Hex(FFB2BD)

Have a look what the booklet for  
Hex(FFB2BD) contains.

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# **Color**

**Hex(FFB2BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB2BD
RGB	255, 178, 189
RGB Percent	100%, 70%, 74%
CMY	0.0000, 0.3020, 0.2588
CMYK	0.00, 0.30, 0.26, 0.00
HSL	351°, 100%, 85%
HSV	351°, 30%, 100%
XYZ	66.3457, 56.7749, 55.6060
YIQ	202.2770, 42.3610, 19.7450

# Conversions

## Conversions Part 2

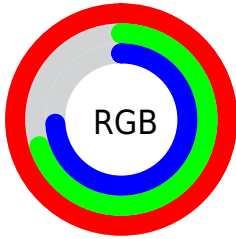
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 178, 189
Decimal	16757437
CIE Lab	80.05, 29.51, 5.74
CIE LCh	80, 30.068, 11.014
Yxy	56.7749, 0.3712, 0.3177
Android (android.graphics.Color)	4294947517 (0xFFFFB2BD)
YUV	202.2770, -6.5456, 46.2381
Hunter-Lab	75.3491, 25.3102, 8.9897

# Details

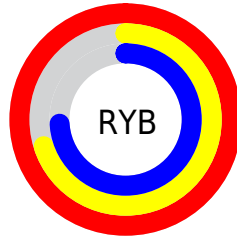
The Hex color **FFB2BD** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **B2FFF4**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFEAF5**, and **C57D88** is the 20% darker color. If you saturate the color by 10%, you get **FF98A7**, and if you desaturate by 10%, it is **FFCBD3**.

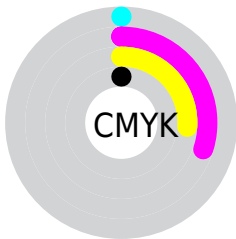
# Distribution



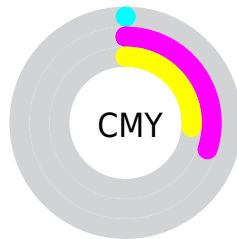
- Red (100%)
- Green (70%)
- Blue (74%)



- Red (100%)
- Yellow (70%)
- Blue (74%)



- Cyan (0%)
- Magenta (30%)
- Yellow (26%)
- Black (0%)



- Cyan (0%)
- Magenta (30%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFB2BD 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 FFB2BD by changing the saturation by 10% instead.



 FFB2BD

 FFB2BD

FFFFFF

 E297A2

 FFEAF5

 C57D88

 A9636E

 8D4A56

 72323F

 581B29

 3E0215

 2A0001

 000000

 #FFB2BD

 #FFB2BD

 #FF98A7

 #FFCBD3

 #FF7F91

 #FFE5E9

 #FF657B

#FFFFFF

 #FF4C66

 #FF3250

 #FF193A

 #FF0024

# Harmonies

## Analogous

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



F3B4D9



FFB2BD



FBB6A3

# Triad

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



FFB2BD



B1D09C



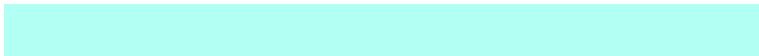
8BCEFB

# Complementary

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



FFB2BD



B2FFF4

# 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.



73D4EA



FFB2BD



91D5B3

# Square

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



FFB2BD



D0C88F



78D6D0



B2C6FD

# Rectangle

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



FFB2BD



F1BC96



78D6D0



81D1F7



# Sweetspot

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



FFB2BD



FFE8EB



F3B2FF



807173



000000



808080



# Same Dimension

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



FFB2BD



FFA3B0



FFCDB2



807375



BF001B



400009



# Inverse Universe

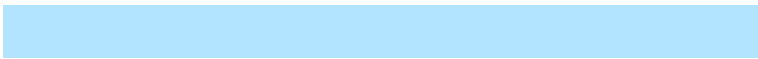
The Inverse Universe completely reimagines the original color for something new.



FFB2BD



FFA3B0



B2E4FF



807375



BF001B



400009



# Previews

## White Background



This preview shows how the Hex color FFB2BD looks on a white background.

## Color Contrast Check

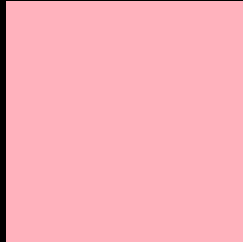
Large Text (above 18pt) WCAG AA × Fail

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 FFB2BD 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 FFB2BD Background



This preview shows how black text looks on a background with the Hex color FFB2BD.

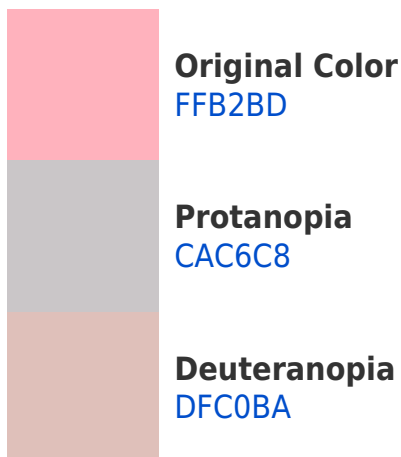


This preview shows how white text looks on a background with the Hex color FFB2BD.

# 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**  
FFB2BD



**Protanomaly**  
DDBFC4



**Deuteranomaly**  
EBBBBB



**Tritanomaly**  
FFB2BE

# Monochromacy



**Original Color**  
FFB2BD



**Achromatopsia**  
CACACA



**Achromatomaly**  
DDC1C5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFB2BD 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 #FFB2BD looks like.

```
.text, #text, p{  
    color:#FFB2BD  
}
```

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 #FFB2BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB2BD
}
```

## Border

The CSS property to change the border of an element to Hex FFB2BD 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
#FFB2BD }
```

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

```
.border{ border-color:#FFB2BD }
```

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

Here you see how a box with a 4 pixel #FFB2BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB2BD; -webkit-box-shadow:4px 4px  
4px 4px #FFB2BD; box-shadow:4px 4px 4px  
4px #FFB2BD }
```

# Background

The CSS property to change the background color of an element to Hex FFB2BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB2BD }
```

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

```
.background{ background-color:#FFB2BD }
```

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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