

Converting Colors

Hex(FFB1B7)

Have a look what the booklet for
Hex(FFB1B7) contains.

Hex(FFB1B7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FFB1B7)

Conversions

Conversions Part 1

Format	Color
Hex	FFB1B7
RGB	255, 177, 183
RGB Percent	100%, 69%, 72%
CMY	0.0000, 0.3059, 0.2824
CMYK	0.00, 0.31, 0.28, 0.00
HSL	355°, 100%, 85%
HSV	355°, 31%, 100%
XYZ	65.5094, 56.1232, 52.1799
YIQ	201.0060, 44.5620, 18.4020

Conversions

Conversions Part 2

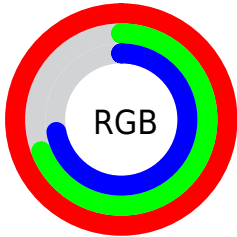
Format	Color
R_{YB}	255, 177, 183
Decimal	16757175
CIE _{Lab}	79.68, 29.23, 8.46
CIE _{LCh}	80, 30.433, 16.143
Yxy	56.1232, 0.3769, 0.3229
Android (android.graphics.Color)	4294947255 (0xFFFFB1B7)
YUV	201.0060, -8.8770, 47.3527
Hunter-Lab	74.9154, 24.9864, 11.1443

Details

The Hex color **FFB1B7** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **B1FFF9**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFE9EF**, and **C57C82** is the 20% darker color. If you saturate the color by 10%, you get **FF979F**, and if you desaturate by 10%, it is **FFCBCF**.

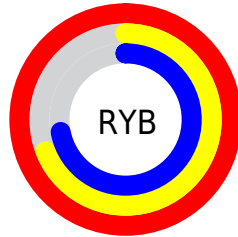
Distribution



Red (100%)

Green (69%)

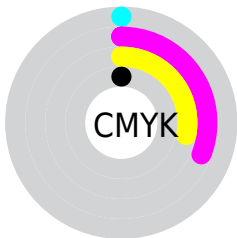
Blue (72%)



Red (100%)

Yellow (69%)

Blue (72%)

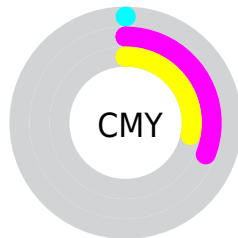


Cyan (0%)

Magenta (31%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFB1B7 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 FFB1B7 by changing the saturation by 10% instead.

 FFB1B7

 FFB1B7

FFFFFF

 E2969C

 FFE9EF

 C57C82

 A86269

 8D4951

 72323A

 571A25

 3E0110

 290001

 000000

 #FFB1B7

 #FFB1B7

 #FF979F

 #FFCBCF

 #FF7E88

 #FFE4E6

 #FF6470

#FFFEFE

 #FF4B59

FFFFFF

 #FF3141

 #FF182A

 #FF0014

Harmonies

Analogous

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



F6B2D4



FFB1B7



F9B69E

Triad

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



FFB1B7



AAD09D



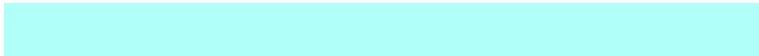
8FCCFC

Complementary

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



FFB1B7



B1FFF9

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.



73D3ED



FFB1B7



8AD4B7

Square

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



FFB1B7



CAC98F



72D5D4



B8C3FC

Rectangle

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



FFB1B7



EDBC92



72D5D4



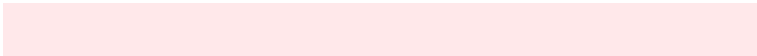
84CFF9

Sweetspot

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



FFB1B7



FFE8EA



F8B1FF



807173



000000



808080

Same Dimension

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



FFB1B7



FFA1A8



FFD2B1



807374



BF000F



400005

Inverse Universe

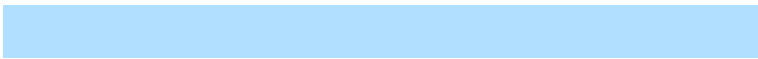
The Inverse Universe completely reimagines the original color for something new.



FFB1B7



FFA1A8



B1DFFF



807374



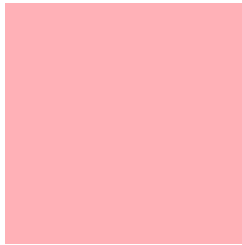
BF000F



400005

Previews

White Background



This preview shows how the Hex color FFB1B7 looks on a white background.

Color Contrast Check

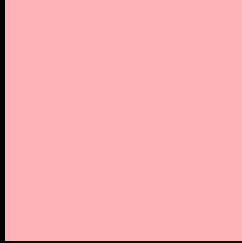
Large Text (above 18pt) WCAG AA × Fail

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 FFB1B7 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 FFB1B7 Background



This preview shows how black text looks on a background with the Hex color FFB1B7.

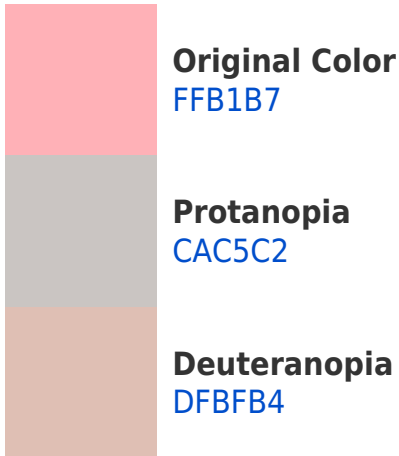



This preview shows how white text looks on a background with the Hex color FFB1B7.

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
FFB0BD

Trichromacy



Original Color
FFB1B7



Protanomaly
DDBEBE



Deuteranomaly
EBBAB5

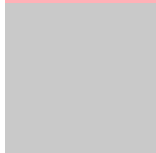


Tritanomaly
FFB0BB

Monochromacy



Original Color
FFB1B7



Achromatopsia
C9C9C9



Achromatomaly
DDC0C2

CSS Examples

Text

The CSS property to change the color of the text to Hex FFB1B7 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 #FFB1B7 looks like.

```
.text, #text, p{  
    color:#FFB1B7  
}
```

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 #FFB1B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB1B7
}
```

Border

The CSS property to change the border of an element to Hex FFB1B7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

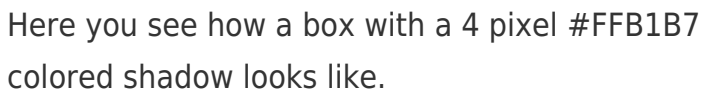
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FFB1B7 }
```

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

```
.border{ border-color:#FFB1B7 }
```

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



Here you see how a box with a 4 pixel #FFB1B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB1B7; -webkit-box-shadow:4px 4px  
4px 4px #FFB1B7; box-shadow:4px 4px 4px  
4px #FFB1B7 }
```

Background

The CSS property to change the background color of an element to Hex FFB1B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB1B7 }
```

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

```
.background{ background-color:#FFB1B7 }
```

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