

Converting Colors

Hex(FFB0C6)

Have a look what the booklet for
Hex(FFB0C6) contains.

| | |
|--|----|
| Hex(FFB0C6) | 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(FFB0C6)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFB0C6 |
| RGB | 255, 176, 198 |
| RGB Percent | 100%, 69%, 78% |
| CMY | 0.0000, 0.3098, 0.2235 |
| CMYK | 0.00, 0.31, 0.22, 0.00 |
| HSL | 343°, 100%, 85% |
| HSV | 343°, 31%, 100% |
| XYZ | 66.9584, 56.3879, 60.7809 |
| YIQ | 202.1290, 40.0220, 23.5900 |

Conversions

Conversions Part 2

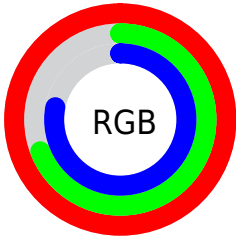
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 255, 176, 198 |
| Decimal | 16756934 |
| CIE _{Lab} | 79.83, 31.82, 0.55 |
| CIE _{LCh} | 80, 31.823, 0.998 |
| Yxy | 56.3879, 0.3637, 0.3062 |
| Android (android.graphics.Color) | 4294947014 (0xFFFFB0C6) |
| YUV | 202.1290, -2.0356, 46.3679 |
| Hunter-Lab | 75.0919, 27.7552, 4.5737 |

Details

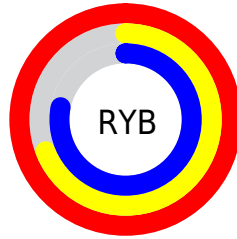
The Hex color **FFB0C6** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **B0FFE9**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFE8FF**, and **C57B90** is the 20% darker color. If you saturate the color by 10%, you get **FF96B4**, and if you desaturate by 10%, it is **FFCAD8**.

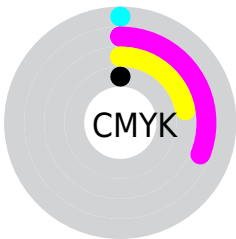
Distribution



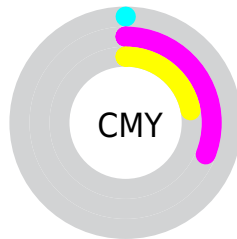
- Red (100%)
- Green (69%)
- Blue (78%)



- Red (100%)
- Yellow (69%)
- Blue (78%)



- Cyan (0%)
- Magenta (31%)
- Yellow (22%)
- Black (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFB0C6 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 FFB0C6 by changing the saturation by 10% instead.

 FFB0C6

 FFB0C6

FFFFFF

 E295AB

 FFE8FF

 C57B90

 A96177

 8D485E

 723046

 581830

 3F001B

 2B0001

 000000

 #FFB0C6

 #FFB0C6

 #FF96B4

 #FFCAD8

 #FF7DA1

 #FFE3EB

 #FF638F

 #FFDFDF

 #FF4A7C

#FFFFFF

 #FF316A

 #FF1758

 #FF0047

Harmonies

Analogous

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



EDB5E3



FFB0C6



FFB2A9

Triad

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



FFB0C6



BACD92



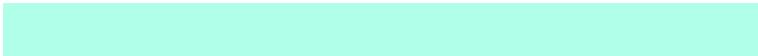
7AD1F9

Complementary

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



FFB0C6



B0FFE9

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.



69D5E3



FFB0C6



98D4A8

Square

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



FFB0C6



DAC48B



79D6C6



A1C8FF

Rectangle

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



FFB0C6



F9B799



79D6C6



71D3F3

Sweetspot

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



FFB0C6



FFE8EE



E9B0FF



807175



000000



808080

Same Dimension

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



FFB0C6



FFA1BB



FFC1B0



807376



BF0035



400012

Inverse Universe

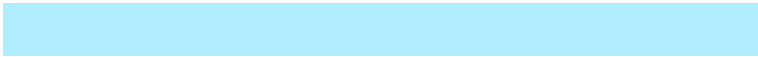
The Inverse Universe completely reimagines the original color for something new.



FFB0C6



FFA1BB



B0EEFF



807376



BF0035



400012

Previews

White Background



This preview shows how the Hex color FFB0C6 looks on a white background.

Color Contrast Check

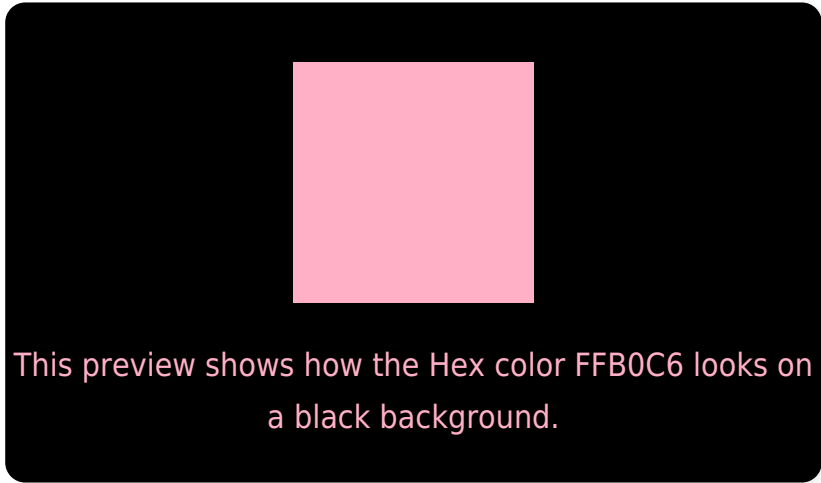
Large Text (above 18pt) WCAG AA × Fail

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

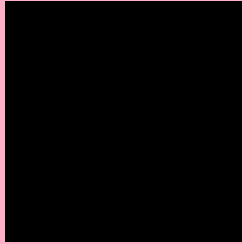
Any Text WCAG AA ✓ Pass

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 FFB0C6 Background



This preview shows how black text looks on a background with the Hex color FFB0C6.

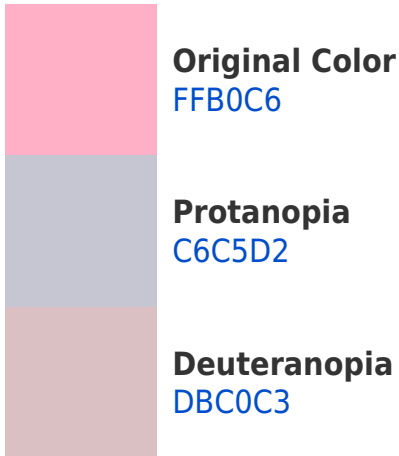


This preview shows how white text looks on a background with the Hex color FFB0C6.

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
FEB1BF

Trichromacy



Original Color
FFB0C6



Protanomaly
DBBDCE



Deuteranomaly
E8BAC4

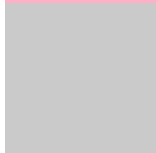


Tritanomaly
FEB1C2

Monochromacy



Original Color
FFB0C6



Achromatopsia
CACACA



Achromatomaly
DDC1C9

CSS Examples

Text

The CSS property to change the color of the text to Hex FFB0C6 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 #FFB0C6 looks like.

```
.text, #text, p{  
    color:#FFB0C6  
}
```

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 #FFB0C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB0C6
}
```

Border

The CSS property to change the border of an element to Hex FFB0C6 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
#FFB0C6 }
```

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

```
.border{ border-color:#FFB0C6 }
```

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

Here you see how a box with a 4 pixel #FFB0C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB0C6; -webkit-box-shadow:4px 4px  
4px 4px #FFB0C6; box-shadow:4px 4px 4px  
4px #FFB0C6 }
```

Background

The CSS property to change the background color of an element to Hex FFB0C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB0C6 }
```

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

```
.background{ background-color:#FFB0C6 }
```

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