

# Converting Colors

Hex(B7BFCC)

Have a look what the booklet for  
Hex(B7BFCC) contains.

|  |    |
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# **Color**

**Hex(B7BFCC)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | B7BFCC                    |
| RGB         | 183, 191, 204             |
| RGB Percent | 72%, 75%, 80%             |
| CMY         | 0.2824, 0.2510, 0.2000    |
| CMYK        | 0.10, 0.06, 0.00, 0.20    |
| HSL         | 217°, 17%, 76%            |
| HSV         | 217°, 10%, 80%            |
| XYZ         | 49.0583, 51.6885, 64.5180 |
| YIQ         | 190.0900, -8.9410, 2.3470 |

# Conversions

## Conversions Part 2

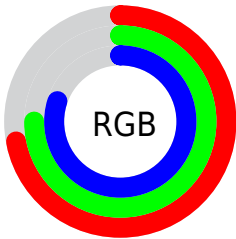
| Format                              | Color                        |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 183, 189, 204                |
| Decimal                             | 12042188                     |
| CIE Lab                             | 77.09, -0.19, -7.48          |
| CIE LCh                             | 77, 7.480, 268.538           |
| Yxy                                 | 51.6885, 0.2968,<br>0.3128   |
| Android<br>(android.graphics.Color) | 4290232268<br>(0xFFB7BFCC)   |
| YUV                                 | 190.0900, 6.8576,<br>-6.2179 |
| Hunter-Lab                          | 71.8947, -4.0139,<br>-2.8802 |

# Details

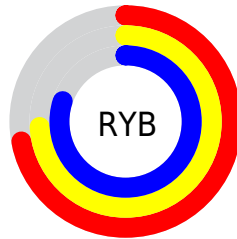
The Hex color **B7BFCC** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CCC4B7**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **EFF7FF**, and **828A96** is the 20% darker color. If you saturate the color by 10%, you get **A3B2CC**, and if you desaturate by 10%, it is **CBCCCC**.

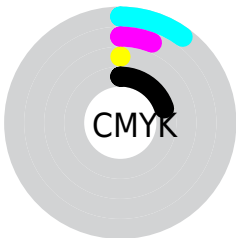
# Distribution



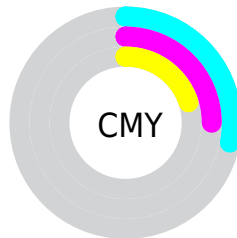
- Red (72%)
- Green (75%)
- Blue (80%)



- Red (72%)
- Yellow (74%)
- Blue (80%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)



- Cyan (28%)
- Magenta (25%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7BFCC 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 B7BFCC by changing the saturation by 10% instead.



 B7BFCC

FFFFFF


 EFF7FF

 B7BFCC

 9CA4B1

 828A96

 69707C

 515863

 39414B

 242B35

 0F161F

 000006

 000000

 B7BFCC

 B7BFCC

 A3B2CC

 CBCCCC

 8EA6CC

 E0D8CC

 7A99CC

 F4E5CC

 658CCC

 FFF2CC

 5180CC

 FFFECC

 3D73CC

 FFFFCC

 2867CC

 145ACC

 004ECC

# Harmonies

## Analogous

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



B0C1CA



B7BFCC



BFBDCA

# Triad

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



B7BFCC



CEBAB8



B5C2B7

# Complementary

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



B7BFCC



CCC4B7

# 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.



BDC0B2



B7BFCC



CBBCB3

# Square

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



B7BFCC



CCBABF



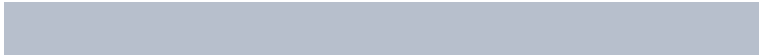
C5BEB1



AFC3BE

# Rectangle

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



**B7BFCC**



**C5BBC8**



**C5BEB1**

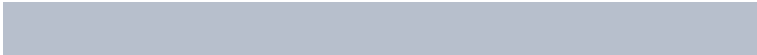


**B7C1B5**



# Sweetspot

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



B7BFCC



F7FAFF



B7CCC4



7A7C80



000000

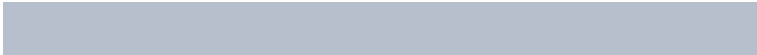


808080

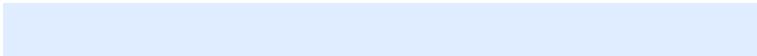


# Same Dimension

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



B7BFCC



E0ECFF



B9B7CC



5C6066



003FA6



000F26



# Inverse Universe

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



CCB7BF



FFE0EC



CACCB7



665C60



A6003F

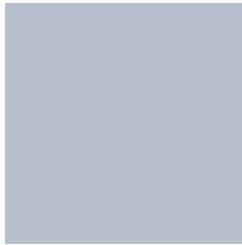


26000F



# Previews

## White Background



This preview shows how the Hex color B7BFCC looks on a white background.

## Color Contrast Check

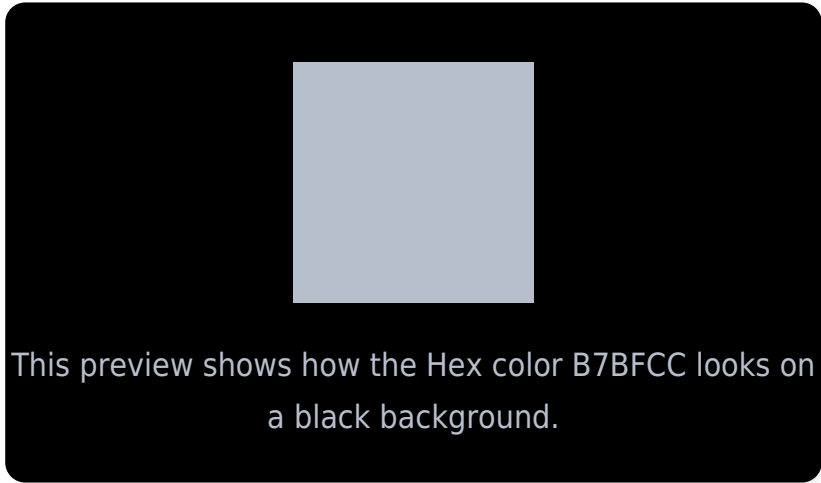
Large Text (above 18pt) WCAG AA × Fail

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

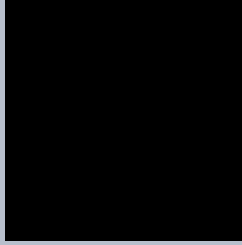
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

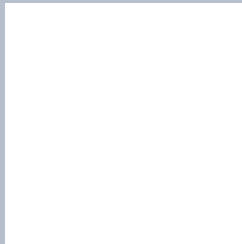
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B7BFCC Background



This preview shows how black text looks on a background with the Hex color B7BFCC.

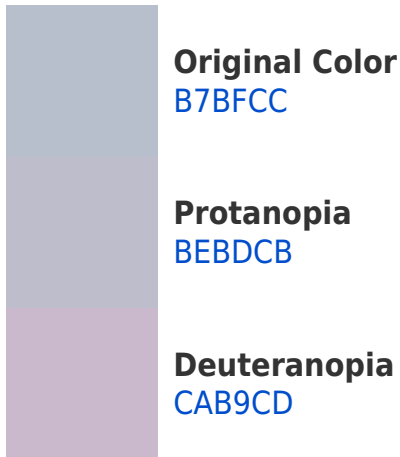


This preview shows how white text looks on a background with the Hex color B7BFCC.

# 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**  
B7BFCE

# Trichromacy



**Original Color**  
B7BFCC

**Protanomaly**  
BBBECB

**Deuteranomaly**  
C3BBCC

**Tritanomaly**  
B7BFCD

# Monochromacy



**Original Color**  
B7BFCC

**Achromatopsia**  
BEBEBE

**Achromatomaly**  
BBBEC3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7BFCC 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 #B7BFCC looks like.

```
.text, #text, p{  
    color:#B7BFCC  
}
```

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 #B7BFCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7BFCC  
}
```

## Border

The CSS property to change the border of an element to Hex B7BFCC is called "border". The border property can be set on classes, ids or directly on the HTML element.

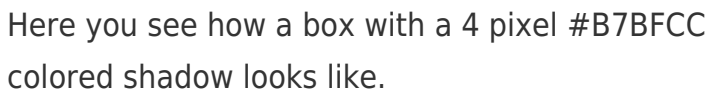
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B7BFCC }
```

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

```
.border{ border-color:#B7BFCC }
```

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



Here you see how a box with a 4 pixel #B7BFCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7BFCC; -webkit-box-shadow:4px 4px  
4px 4px #B7BFCC; box-shadow:4px 4px 4px  
4px #B7BFCC }
```

# Background

The CSS property to change the background color of an element to Hex B7BFCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7BFCC }
```

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

```
.background{ background-color:#B7BFCC }
```

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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