

# Converting Colors

Hex(B7BCC7)

Have a look what the booklet for  
Hex(B7BCC7) contains.

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# **Color**

**Hex(B7BCC7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7BCC7
RGB	183, 188, 199
RGB Percent	72%, 74%, 78%
CMY	0.2824, 0.2627, 0.2196
CMYK	0.08, 0.06, 0.00, 0.22
HSL	221°, 12%, 75%
HSV	221°, 8%, 78%
XYZ	47.8205, 50.1572, 61.1937
YIQ	187.7590, -6.5110, 2.3610

# Conversions

## Conversions Part 2

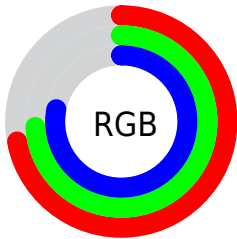
Format	Color
R <sub>Y</sub> B	183, 187, 199
Decimal	12041415
CIE Lab	76.17, 0.41, -6.14
CIE LCh	76, 6.156, 273.812
Yxy	50.1572, 0.3004, 0.3151
Android (android.graphics.Color)	4290231495 (0xFFB7BCC7)
YUV	187.7590, 5.5418, -4.1736
Hunter-Lab	70.8218, -3.4109, -1.6544

# Details

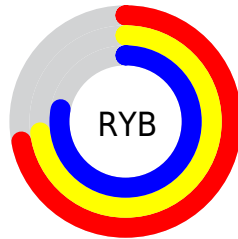
The Hex color **B7BCC7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C7C2B7**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **EFF4FF**, and **828791** is the 20% darker color. If you saturate the color by 10%, you get **A3AEC7**, and if you desaturate by 10%, it is **CBCAC7**.

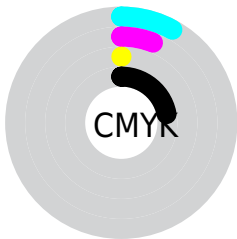
# Distribution



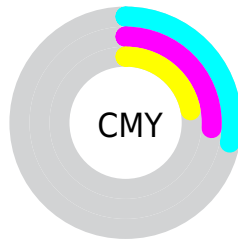
- Red (72%)
- Green (74%)
- Blue (78%)



- Red (72%)
- Yellow (73%)
- Blue (78%)



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)



- Cyan (28%)
- Magenta (26%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7BCC7 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 B7BCC7 by changing the saturation by 10% instead.



 B7BCC7

 B7BCC7

FFFFFF

 9CA1AC

 EFF4FF

 828791

 696E78

 51555F

 3A3E47

 242831

 0F141C

 000000

 B7BCC7

 B7BCC7

 A3AEC7

 CBCAC7

 8FA1C7

 DFD7C7

 7B93C7

 F3E5C7

 6785C7

 FFF3C7

 5478C7

 FFFFC7

 406AC7

 2C5CC7

 184FC7

 0441C7

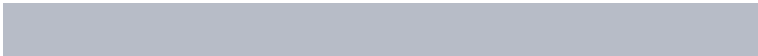
# Harmonies

## Analogous

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



B1BEC6



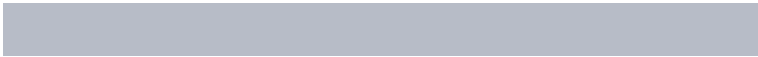
B7BCC7



BEBAC5

# Triad

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



B7BCC7



C8B8B6



B3BFB7

# Complementary

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



B7BCC7



C7C2B7

# 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.



B9DBB2



B7BCC7



C5BAB2

# Square

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



B7BCC7



C8B8BB



C0BCB1



AFBFBC

# Rectangle

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



B7BCC7



C2B9C3



C0BCB1

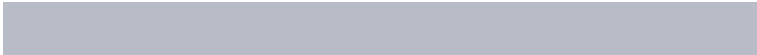


B5BEB5



# Sweetspot

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



B7BCC7



FAFBFF



B7C7C2



7D7E80



000000



808080



# Same Dimension

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



B7BCC7



E6EDFF



BAB7C7



5A5D63



0033A3



000B24



# Inverse Universe

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



C7B7BC



FFE6ED



C4C7B7



635A5D



A30033

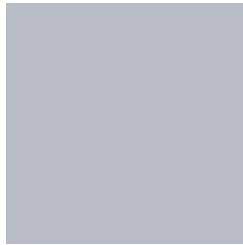


24000B



# Previews

## White Background



This preview shows how the Hex color B7BCC7 looks on a white background.

## Color Contrast Check

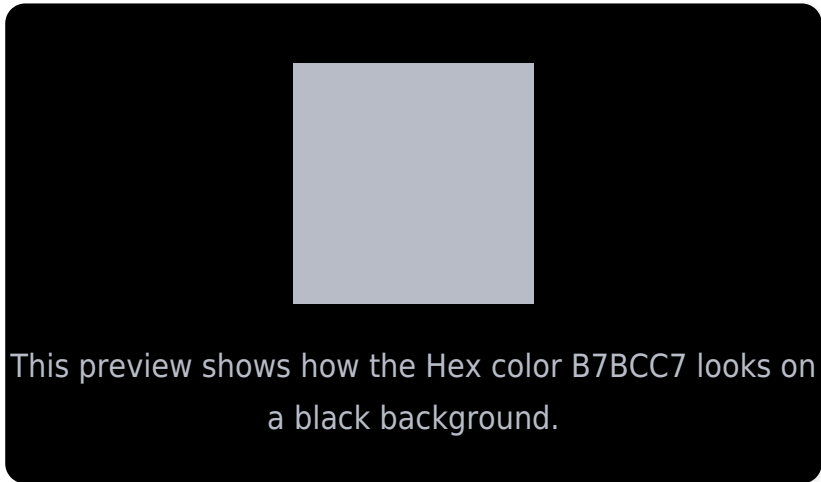
Large Text (above 18pt) WCAG AA × Fail

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

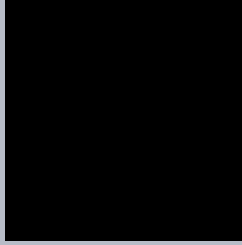
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

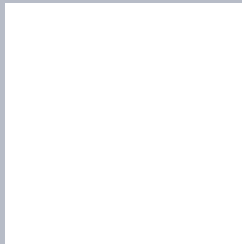
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B7BCC7 Background



This preview shows how black text looks on a background with the Hex color B7BCC7.



This preview shows how white text looks on a background with the Hex color B7BCC7.

# 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**  
B8BBCA

# Trichromacy



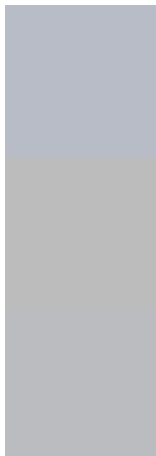
**Original Color**  
B7BCC7

**Protanomaly**  
BABBC6

**Deuteranomaly**  
C2B8C8

**Tritanomaly**  
B8BBC9

# Monochromacy



**Original Color**  
B7BCC7

**Achromatopsia**  
BCBCBC

**Achromatomaly**  
BABCC0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7BCC7 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 #B7BCC7 looks like.

```
.text, #text, p{  
    color:#B7BCC7  
}
```

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 #B7BCC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7BCC7  
}
```

## Border

The CSS property to change the border of an element to Hex B7BCC7 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  
#B7BCC7 }
```

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

```
.border{ border-color:#B7BCC7 }
```

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

Here you see how a box with a 4 pixel #B7BCC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7BCC7; -webkit-box-shadow:4px 4px  
4px 4px #B7BCC7; box-shadow:4px 4px 4px  
4px #B7BCC7 }
```

# Background

The CSS property to change the background color of an element to Hex B7BCC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7BCC7 }
```

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

```
.background{ background-color:#B7BCC7 }
```

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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