

# Converting Colors

Hex(B4C7CC)

Have a look what the booklet for  
Hex(B4C7CC) contains.

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# **Color**

**Hex(B4C7CC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4C7CC
RGB	180, 199, 204
RGB Percent	71%, 78%, 80%
CMY	0.2941, 0.2196, 0.2000
CMYK	0.12, 0.02, 0.00, 0.20
HSL	193°, 19%, 75%
HSV	193°, 12%, 80%
XYZ	50.1449, 54.9098, 65.0825
YIQ	193.8890, -12.9290, -2.4730

# Conversions

## Conversions Part 2

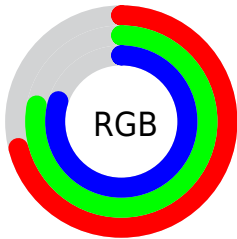
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	180, 191, 204
Decimal	11847628
CIE Lab	78.99, -5.42, -4.70
CIE LCh	79, 7.173, 220.925
Yxy	54.9098, 0.2947, 0.3227
Android (android.graphics.Color)	4290037708 (0xFFB4C7CC)
YUV	193.8890, 4.9847, -12.1807
Hunter-Lab	74.1011, -8.8844, -0.2032

# Details

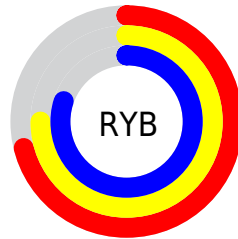
The Hex color **B4C7CC** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CCB9B4**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **ECFFFF**, and **7F9196** is the 20% darker color. If you saturate the color by 10%, you get **A0C3CC**, and if you desaturate by 10%, it is **C8CBCC**.

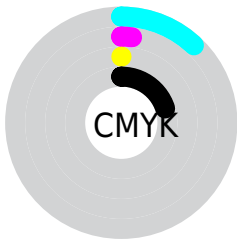
# Distribution



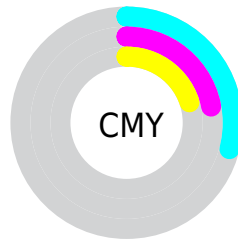
- Red (71%)
- Green (78%)
- Blue (80%)



- Red (71%)
- Yellow (75%)
- Blue (80%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)



- Cyan (29%)
- Magenta (22%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4C7CC 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 B4C7CC by changing the saturation by 10% instead.



 B4C7CC

 B4C7CC

FFFFFF

 99ACB1

 ECFFFF

 7F9196

 66777C

 4E5F63

 37474B

 213135

 0C1C20

 000007

 000000

 B4C7CC

 B4C7CC

 A0C3CC

 C8CBCC

 8BBECC

 DDD0CC

 77BACC

 F1D4CC

 62B6CC

 FFD8CC

 4EB2CC

 FFDCCC

 3AADCC

 FFE1CC

 25A9CC

 FFE5CC

 11A5CC

 FFE9CC

 00A1CC

 FFEDCC

# Harmonies

## Analogous

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



B4C8C6



B4C7CC



B8C5D0

# Triad

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



B4C7CC



CFC0C8



C7C4B6

# Complementary

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



B4C7CC



CCB9B4

# 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.



CDC2B7



B4C7CC



D2BFC1

# Square

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



B4C7CC



C8C1CE



D2C0BB



BFC6B9

# Rectangle

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



B4C7CC



BDC4D1



D2C0BB



C9C3B6



# Sweetspot

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



B4C7CC



F5DFFF



B4CCB9



797E80



000000



808080

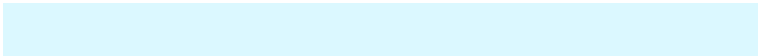


# Same Dimension

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



B4C7CC



DBF8FF



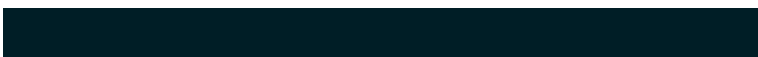
B4BBCC



5C6466



0083A6



001E26



# Inverse Universe

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



CCB4C7



FFDBF8



CCC5B4



665C64



A60083

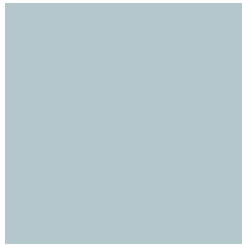


26001E



# Previews

## White Background



This preview shows how the Hex color B4C7CC looks on a white background.

## Color Contrast Check

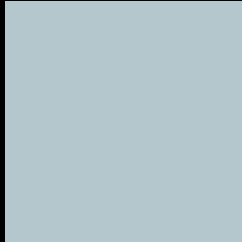
Large Text (above 18pt) WCAG AA × Fail

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 B4C7CC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

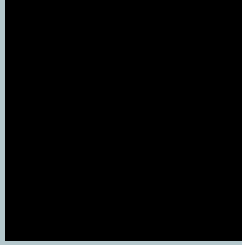
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

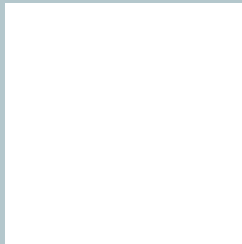
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B4C7CC Background



This preview shows how black text looks on a background with the Hex color B4C7CC.

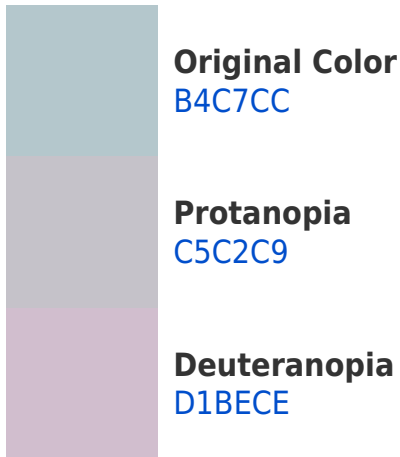


This preview shows how white text looks on a background with the Hex color B4C7CC.

# 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](#).

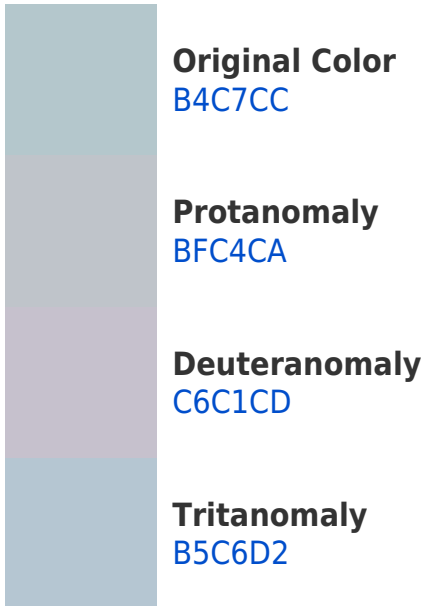
## Dichromacy



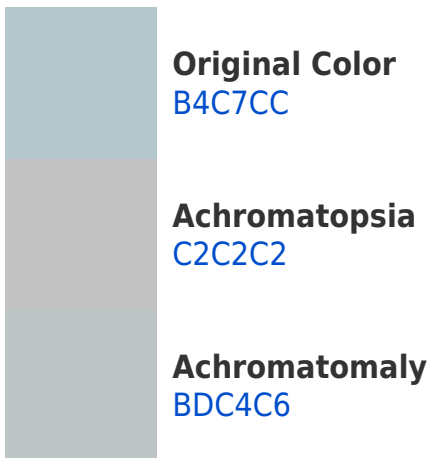


**Tritanopia**  
B6C6D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4C7CC 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 #B4C7CC looks like.

```
.text, #text, p{  
    color:#B4C7CC  
}
```

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 #B4C7CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4C7CC  
}
```

## Border

The CSS property to change the border of an element to Hex B4C7CC 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  
#B4C7CC }
```

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

```
.border{ border-color:#B4C7CC }
```

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

Here you see how a box with a 4 pixel #B4C7CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4C7CC; -webkit-box-shadow:4px 4px  
4px 4px #B4C7CC; box-shadow:4px 4px 4px  
4px #B4C7CC }
```

# Background

The CSS property to change the background color of an element to Hex B4C7CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4C7CC }
```

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

```
.background{ background-color:#B4C7CC }
```

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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