

# Converting Colors

Hex(B2C7CF)

Have a look what the booklet for  
Hex(B2C7CF) contains.

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# **Color**

**Hex(B2C7CF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2C7CF
RGB	178, 199, 207
RGB Percent	70%, 78%, 81%
CMY	0.3020, 0.2196, 0.1882
CMYK	0.14, 0.04, 0.00, 0.19
HSL	197°, 23%, 75%
HSV	197°, 14%, 81%
XYZ	50.0460, 54.8168, 66.9745
YIQ	193.6330, -15.0840, -1.9640

# Conversions

## Conversions Part 2

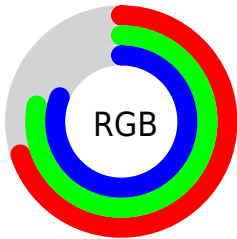
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 190, 207
Decimal	11716559
CIE <sub>Lab</sub>	78.94, -5.45, -6.41
CIE <sub>LCh</sub>	79, 8.415, 229.598
Yxy	54.8168, 0.2912, 0.3190
Android (android.graphics.Color)	4289906639 (0xFFB2C7CF)
YUV	193.6330, 6.5899, -13.7101
Hunter-Lab	74.0384, -8.9107, -1.8064

# Details

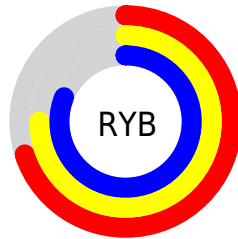
The Hex color **B2C7CF** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CFBAB2**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **EAEAEAE**, and **7D9199** is the 20% darker color. If you saturate the color by 10%, you get **9DC1CF**, and if you desaturate by 10%, it is **C7CDCF**.

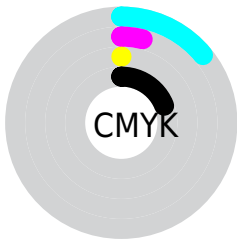
# Distribution



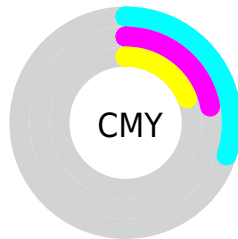
- Red (70%)
- Green (78%)
- Blue (81%)



- Red (70%)
- Yellow (75%)
- Blue (81%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)



- Cyan (30%)
- Magenta (22%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2C7CF 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 B2C7CF by changing the saturation by 10% instead.



 B2C7CF

 B2C7CF

FFFFFF

 97ACB3

 EAFFFF

 7D9199

 64777F

 4C5F66

 34474E

 1E3137

 091C22

 00000B

 000000

 B2C7CF

 B2C7CF

 9DC1CF

 C7CDCF

 89BCCF

 DBD2CF

 74B6CF

 F0D8CF

 5FB0CF

 FFDECF

 4AAACF

 FFE4CF

 36A5CF

 FFE9CF

 219FCF

 FFEFCF

 0C99CF

 FFF5CF

 0096CF

 FFFACF

# Harmonies

## Analogous

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



B0C8C8



B2C7CF



B8C5D3

# Triad

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



B2C7CF



D2BEC6



C4C4B5

# Complementary

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



B2C7CF



CFBAB2

# 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.



CDC2B4



B2C7CF



D5BEBE

# Square

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



B2C7CF



CBC0CE



D3C0B8



BBC7B9

# Rectangle

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



B2C7CF



BFC3D3



D3C0B8



C7C4B4

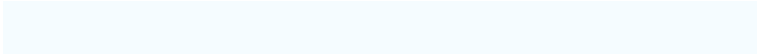


# Sweetspot

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



B2C7CF



F5FCFF



B2CFBA



797E80



000000



808080

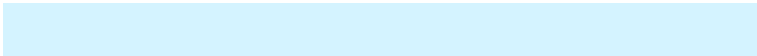


# Same Dimension

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



B2C7CF



D4F3FF



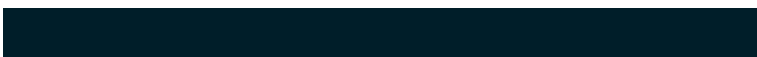
B2B9CF



5E6669



007AA8



001E29



# Inverse Universe

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



CFB2C7



FFD4F3



CFC8B2



695E66



A8007A

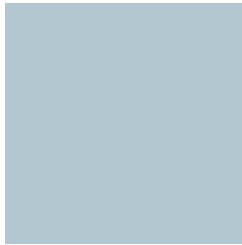


29001E



# Previews

## White Background



This preview shows how the Hex color B2C7CF looks on a white background.

## Color Contrast Check

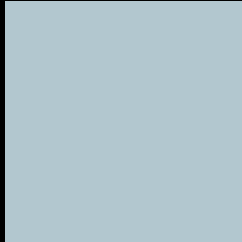
Large Text (above 18pt) WCAG AA × Fail

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 B2C7CF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

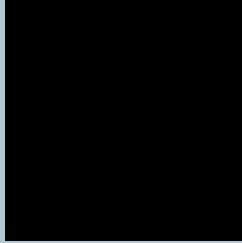
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

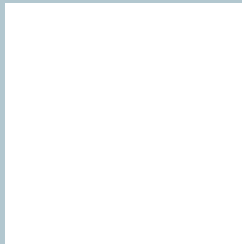
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B2C7CF Background



This preview shows how black text looks on a background with the Hex color B2C7CF.

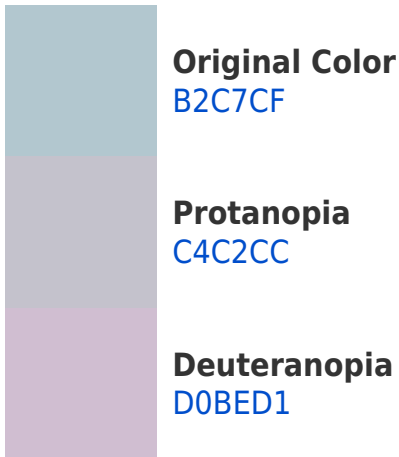


This preview shows how white text looks on a background with the Hex color B2C7CF.

# 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](#).

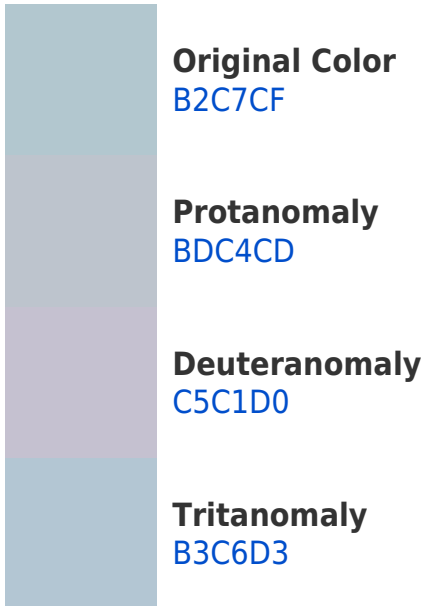
## Dichromacy



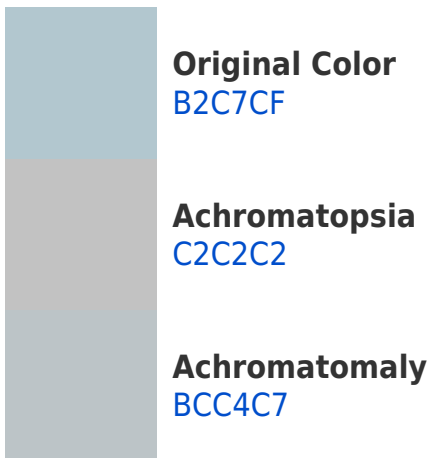


**Tritanopia**  
B3C6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2C7CF 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 #B2C7CF looks like.

```
.text, #text, p{  
    color:#B2C7CF  
}
```

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 #B2C7CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2C7CF  
}
```

## Border

The CSS property to change the border of an element to Hex B2C7CF 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  
#B2C7CF }
```

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

```
.border{ border-color:#B2C7CF }
```

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

Here you see how a box with a 4 pixel #B2C7CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2C7CF; -webkit-box-shadow:4px 4px  
4px 4px #B2C7CF; box-shadow:4px 4px 4px  
4px #B2C7CF }
```

# Background

The CSS property to change the background color of an element to Hex B2C7CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2C7CF }
```

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

```
.background{ background-color:#B2C7CF }
```

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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