

# Converting Colors

Hex(B0C3D2)

Have a look what the booklet for  
Hex(B0C3D2) contains.

<b>Hex(B0C3D2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B0C3D2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0C3D2
RGB	176, 195, 210
RGB Percent	69%, 76%, 82%
CMY	0.3098, 0.2353, 0.1765
CMYK	0.16, 0.07, 0.00, 0.18
HSL	206°, 27%, 76%
HSV	206°, 16%, 82%
XYZ	49.0525, 52.9135, 68.6007
YIQ	191.0290, -16.1390, 0.6370

# Conversions

## Conversions Part 2

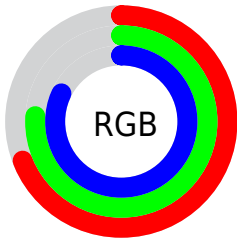
Format	Color
R <sub>Y</sub> B	176, 188, 210
Decimal	11584466
CIE Lab	77.82, -3.35, -9.69
CIE LCh	78, 10.254, 250.920
Yxy	52.9135, 0.2876, 0.3102
Android (android.graphics.Color)	4289774546 (0xFFB0C3D2)
YUV	191.0290, 9.3527, -13.1804
Hunter-Lab	72.7416, -6.9285, -4.9957

# Details

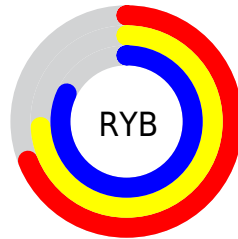
The Hex color **B0C3D2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D2BFB0**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **E8FCFF**, and **7B8D9C** is the 20% darker color. If you saturate the color by 10%, you get **9BBAD2**, and if you desaturate by 10%, it is **C5CCD2**.

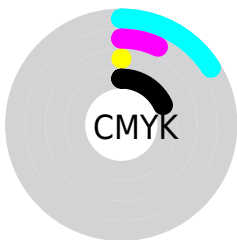
# Distribution



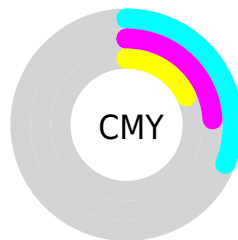
- Red (69%)
- Green (76%)
- Blue (82%)



- Red (69%)
- Yellow (74%)
- Blue (82%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (31%)
- Magenta (24%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0C3D2 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 B0C3D2 by changing the saturation by 10% instead.



 B0C3D2

 B0C3D2

FFFFFF

 95A8B6

 E8FCFF

 7B8D9C

 627482

 4A5B68

 324450

 1C2E39

 061924

 00010E

 000000

 B0C3D2

 B0C3D2

 9BBAD2

 C5CCD2

 86B0D2

 DAD6D2

 71A7D2

 EFDFD2

 5C9ED2

 FFE8D2

 4795D2

 FFF1D2

 328BD2

 FFFBD2

 1D82D2

 FFFF2

 0879D2

 0075D2

# Harmonies

## Analogous

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



AAC5CC



B0C3D2



BBC0D3

# Triad

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



B0C3D2



D5BABD



BAC4B2

# Complementary

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



B0C3D2



D2BFB0

# 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.



C5C1AE



B0C3D2



D4BBB4

# Square

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



B0C3D2



D0BBC7



CEBEAF



B0C6BA

# Rectangle

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



B0C3D2



C3BED1



CEBEAF



BDC3B0



# Sweetspot

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



B0C3D2



F2F9FF



B0D2BF



787C80



000000



808080

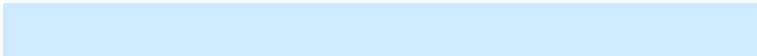


# Same Dimension

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



B0C3D2



CFEAFF



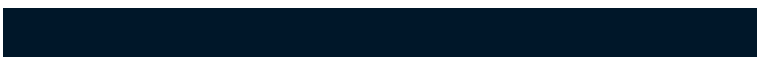
B0B2D2



5E6469



005EA8



001729



# Inverse Universe

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



D2B0C3



FFCFEA



D2D0B0



695E64



A8005E

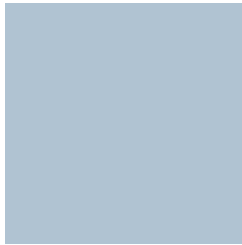


290017



# Previews

## White Background



This preview shows how the Hex color B0C3D2 looks on a white background.

## Color Contrast Check

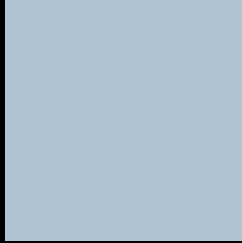
Large Text (above 18pt) WCAG AA × Fail

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 B0C3D2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

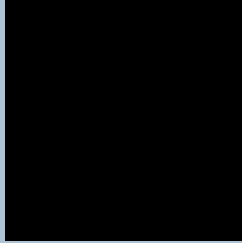
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

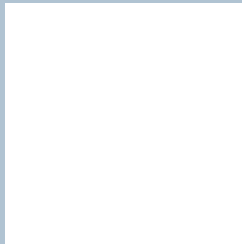
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B0C3D2 Background



This preview shows how black text looks on a background with the Hex color B0C3D2.



This preview shows how white text looks on a background with the Hex color B0C3D2.

# 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](#).

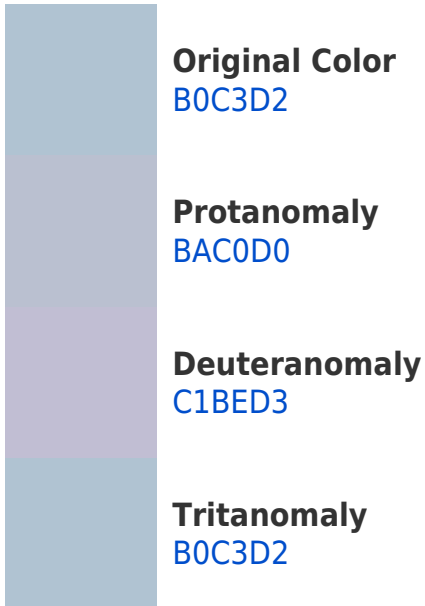
## Dichromacy



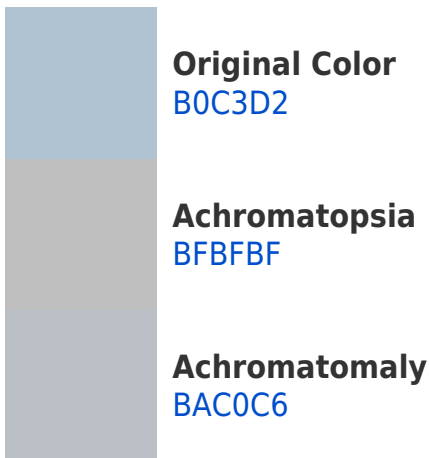


**Tritanopia**  
B0C3D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0C3D2 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 #B0C3D2 looks like.

```
.text, #text, p{  
    color:#B0C3D2  
}
```

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 #B0C3D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0C3D2
}
```

## Border

The CSS property to change the border of an element to Hex B0C3D2 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
#B0C3D2 }
```

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

```
.border{ border-color:#B0C3D2 }
```

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

Here you see how a box with a 4 pixel #B0C3D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0C3D2; -webkit-box-shadow:4px 4px  
4px 4px #B0C3D2; box-shadow:4px 4px 4px  
4px #B0C3D2 }
```

# Background

The CSS property to change the background color of an element to Hex B0C3D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0C3D2 }
```

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

```
.background{ background-color:#B0C3D2 }
```

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