

# Converting Colors

Hex(B9D5E0)

Have a look what the booklet for  
Hex(B9D5E0) contains.

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# **Color**

**Hex(B9D5E0)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | B9D5E0                      |
| RGB           | 185, 213, 224               |
| RGB Percent   | 73%, 84%, 88%               |
| CMY           | 0.2745, 0.1647, 0.1216      |
| CMYK          | 0.17, 0.05, 0.00, 0.12      |
| HSL           | 197°, 39%, 80%              |
| HSV           | 197°, 17%, 88%              |
| XYZ           | 57.2564, 63.2846, 79.7184   |
| YIQ           | 205.8820, -20.2190, -2.5150 |

# Conversions

## Conversions Part 2

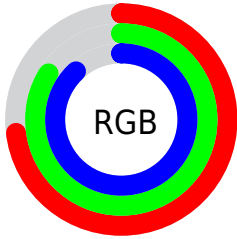
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 185, 201, 224                 |
| Decimal                             | 12178912                      |
| CIELab                              | 83.59, -7.00, -8.55           |
| CIELCh                              | 84, 11.047, 230.698           |
| Yxy                                 | 63.2846, 0.2859,<br>0.3160    |
| Android<br>(android.graphics.Color) | 4290368992<br>(0xFFB9D5E0)    |
| YUV                                 | 205.8820, 8.9322,<br>-18.3135 |
| Hunter-Lab                          | 79.5516, -10.7420,<br>-3.7282 |

# Details

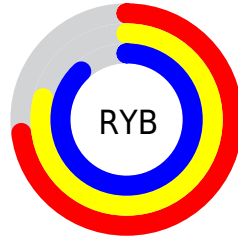
The Hex color **B9D5E0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E0C4B9**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **F1FFFF**, and **839EA9** is the 20% darker color. If you saturate the color by 10%, you get **A3CFE0**, and if you desaturate by 10%, it is **CFDBE0**.

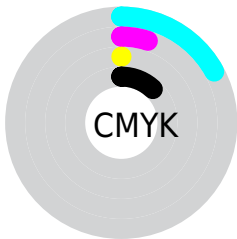
# Distribution



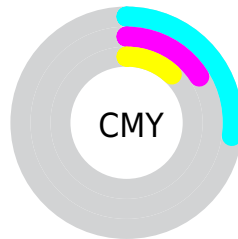
- Red (73%)
- Green (84%)
- Blue (88%)



- Red (73%)
- Yellow (79%)
- Blue (88%)



- Cyan (17%)
- Magenta (5%)
- Yellow (0%)
- Black (12%)



- Cyan (27%)
- Magenta (16%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9D5E0 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 B9D5E0 by changing the saturation by 10% instead.



 B9D5E0

 B9D5E0

FFFFFF

 9EB9C4

 F1FFFF

 839EA9

 6A848E

 516B75

 39535C

 223C45

 0B262E

 00121A

 000000

 B9D5E0

 B9D5E0

 A3CFE0

 CFDBE0

 8CC8E0

 E6E2E0

 76C2E0

 FCE8E0

 5FBCE0

 FFEEEE

 49B5E0

 FFF5E0

 33AFE0

 FFFBE0

 1CA9E0

 FFFFEO

 06A2E0

 00A1E0

# Harmonies

## Analogous

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



B7D6D7



B9D5E0



C2D2E5

# Triad

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



B9D5E0



E4CAD4



D1D2BD

# Complementary

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



B9D5E0



E0C4B9

# 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.



DCCEBC



B9D5E0



E7CAC9

# Square

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



B9D5E0



DBCCDE



E4CBC1



C5D5C3

# Rectangle

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



B9D5E0



CAD0E5



E4CBC1



D5D1BC



# Sweetspot

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



B9D5E0



F2FBFF



B9E0C3



787D80



000000



808080

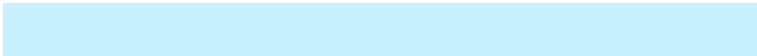


# Same Dimension

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



B9D5E0



C9F0FF



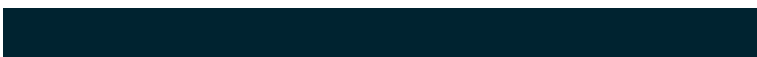
B9C2E0



656D70



007EB0



002330



# Inverse Universe

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



E0B9D5



FFC9F0



E0D7B9



70656D



B0007E

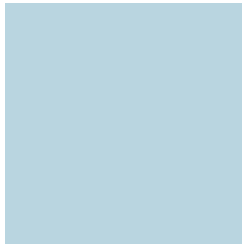


300023



# Previews

## White Background



This preview shows how the Hex color B9D5E0 looks on a white background.

## Color Contrast Check

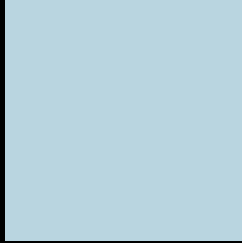
Large Text (above 18pt) WCAG AA × Fail

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 B9D5E0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

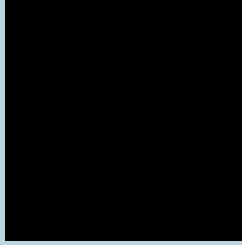
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

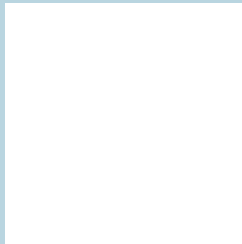
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B9D5E0 Background



This preview shows how black text looks on a background with the Hex color B9D5E0.

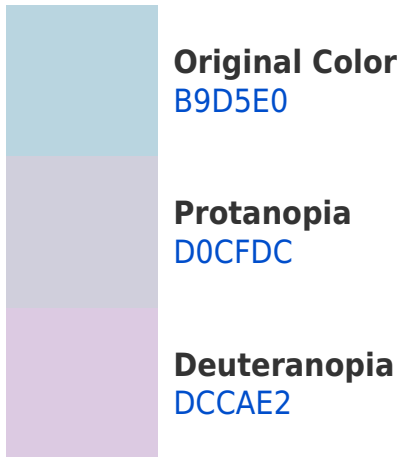


This preview shows how white text looks on a background with the Hex color B9D5E0.

# 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](#).

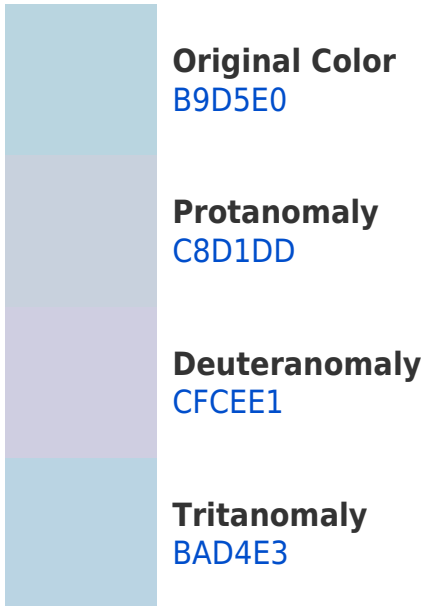
## Dichromacy



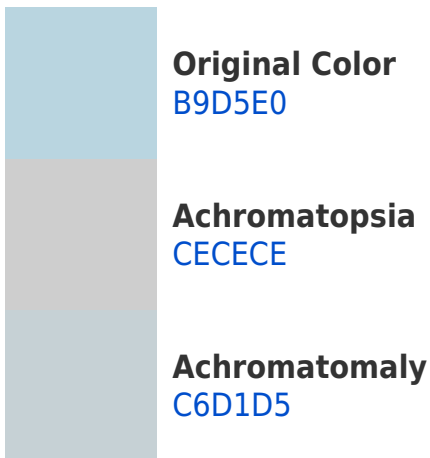


**Tritanopia**  
BAD4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9D5E0 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 #B9D5E0 looks like.

```
.text, #text, p{  
    color:#B9D5E0  
}
```

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 #B9D5E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9D5E0
}
```

## Border

The CSS property to change the border of an element to Hex B9D5E0 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
#B9D5E0 }
```

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

```
.border{ border-color:#B9D5E0 }
```

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

Here you see how a box with a 4 pixel #B9D5E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9D5E0; -webkit-box-shadow:4px 4px  
4px 4px #B9D5E0; box-shadow:4px 4px 4px  
4px #B9D5E0 }
```

# Background

The CSS property to change the background color of an element to Hex B9D5E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9D5E0 }
```

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

```
.background{ background-color:#B9D5E0 }
```

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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