

# Converting Colors

Hex(B9DCD3)

Have a look what the booklet for  
Hex(B9DCD3) contains.

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# **Color**

**Hex(B9DCD3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">B9DCD3</a>
RGB	<a href="#">185, 220, 211</a>
RGB Percent	<a href="#">73%, 86%, 83%</a>
CMY	<a href="#">0.2745, 0.1373, 0.1725</a>
CMYK	<a href="#">0.16, 0.00, 0.04, 0.14</a>
HSL	<a href="#">165°, 33%, 79%</a>
HSV	<a href="#">165°, 16%, 86%</a>
XYZ	<a href="#">57.3587, 66.2038, 71.3835</a>
YIQ	<a href="#">208.5090, -17.9710, -10.2190</a>

# Conversions

## Conversions Part 2

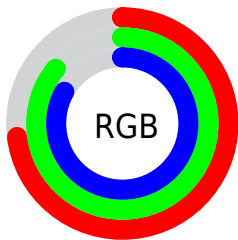
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	185, 205, 220
Decimal	12180691
CIE Lab	85.10, -13.25, 0.57
CIE LCh	85, 13.260, 177.549
Yxy	66.2038, 0.2942, 0.3396
Android (android.graphics.Color)	4290370771 (0xFFB9DCD3)
YUV	208.5090, 1.2281, -20.6174
Hunter-Lab	81.3657, -16.5567, 4.9399

# Details

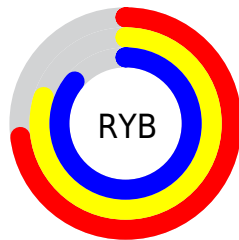
The Hex color **B9DCD3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DCB9C2**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **F1FFFF**, and **83A59D** is the 20% darker color. If you saturate the color by 10%, you get **A3DCCD**, and if you desaturate by 10%, it is **CFDCD9**.

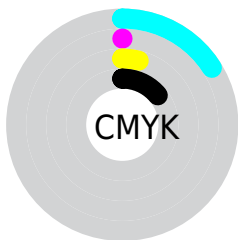
# Distribution



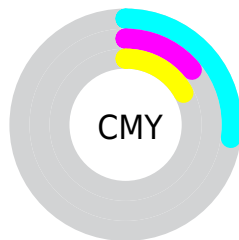
- Red (73%)
- Green (86%)
- Blue (83%)



- Red (73%)
- Yellow (80%)
- Blue (86%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)
- Black (14%)



- Cyan (27%)
- Magenta (14%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9DCD3 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 B9DCD3 by changing the saturation by 10% instead.



 B9DCD3

FFFFFF


 F1FFFF

 B9DCD3

 9EC0B7

 83A59D

 6A8B82

 517169

 3A5951

 23413A

 0C2B25

 001710

 000000

 B9DCD3

 B9DCD3

 A3DCCD

 CFDCD9

 8DDCC8

 E5DCDE

 77DCC2

 FBDCE4

 61DCBC

 FFDCEA

 4BDCB7

 FFDCEF

 35DCB1

 FFDCF5

 1FDCA8

 FFDCF8

 09DCA6

 FFDCF6

 00DCA3

# Harmonies

## Analogous

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



C4DAC7



B9DCD3



B5DCE0

# Triad

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



B9DCD3



D6D2EB



EBCFC0

# Complementary

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



B9DCD3



DCB9C2

# 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.



F0CDC9



B9DCD3



E4CEE2

# Square

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



B9DCD3



C6D6ED



EDCCD6



E0D3BC

# Rectangle

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



B9DCD3



B7DAE7



EDCCD6



EDCEC3



# Sweetspot

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



B9DCD3



F2FFFC



C2DCB9



78807E



000000



808080

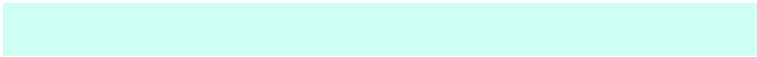


# Same Dimension

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



B9DCD3



CFFFF3



B9D4DC



636E6B



00AD81



002E22



# Inverse Universe

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



DCB9C2



FFCFDB



DCC1B9



6E6366



AD002D

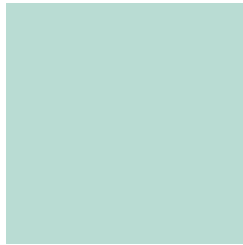


2E000C



# Previews

## White Background



This preview shows how the Hex color B9DCD3 looks on a white background.

## Color Contrast Check

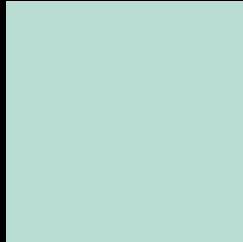
Large Text (above 18pt) WCAG AA × Fail

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 B9DCD3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

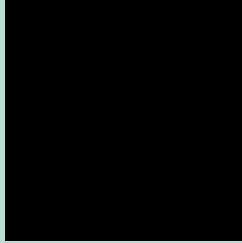
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

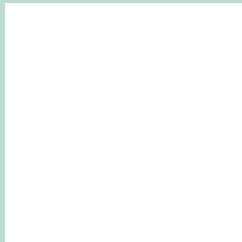
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B9DCD3 Background



This preview shows how black text looks on a background with the Hex color B9DCD3.

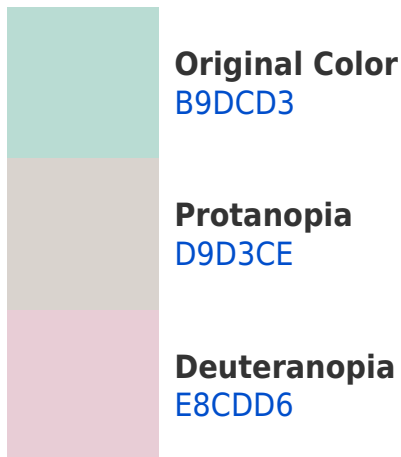


This preview shows how white text looks on a background with the Hex color B9DCD3.

# 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](#).

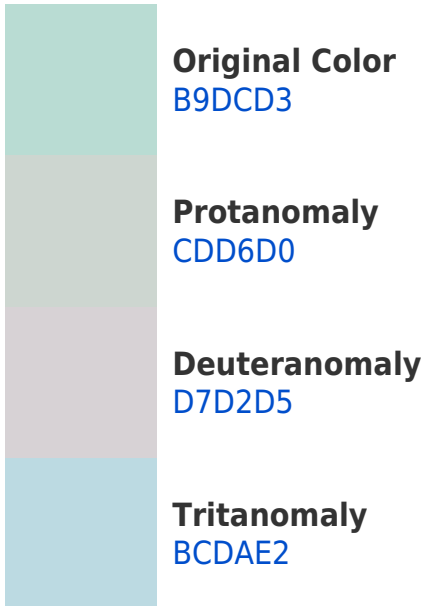
## Dichromacy



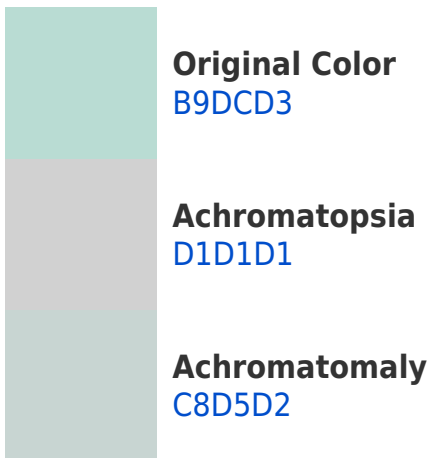


**Tritanopia**  
BDD9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9DCD3 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 #B9DCD3 looks like.

```
.text, #text, p{  
    color:#B9DCD3  
}
```

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 #B9DCD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9DCD3
}
```

## Border

The CSS property to change the border of an element to Hex B9DCD3 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
#B9DCD3 }
```

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

```
.border{ border-color:#B9DCD3 }
```

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

Here you see how a box with a 4 pixel #B9DCD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9DCD3; -webkit-box-shadow:4px 4px  
4px 4px #B9DCD3; box-shadow:4px 4px 4px  
4px #B9DCD3 }
```

# Background

The CSS property to change the background color of an element to Hex B9DCD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9DCD3 }
```

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

```
.background{ background-color:#B9DCD3 }
```

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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