

# Converting Colors

Hex(B9D4D4)

Have a look what the booklet for  
Hex(B9D4D4) contains.

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# **Color**

**Hex(B9D4D4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9D4D4
RGB	185, 212, 212
RGB Percent	73%, 83%, 83%
CMY	0.2745, 0.1686, 0.1686
CMYK	0.13, 0.00, 0.00, 0.17
HSL	180°, 24%, 78%
HSV	180°, 13%, 83%
XYZ	55.4347, 62.1547, 71.3627
YIQ	203.9270, -16.0920, -5.7240

# Conversions

## Conversions Part 2

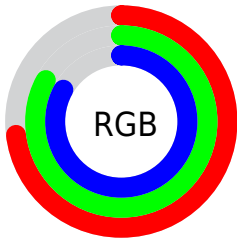
<b>Format</b>	<b>Color</b>
<b>RYB</b>	185, 199, 212
Decimal	12178644
CIELab	83.00, -8.95, -3.04
CIELCh	83, 9.457, 198.780
Yxy	62.1547, 0.2934, 0.3289
Android (android.graphics.Color)	4290368724 (0xFFB9D4D4)
YUV	203.9270, 3.9800, -16.5990
Hunter-Lab	78.8383, -12.4556, 1.5188

# Details

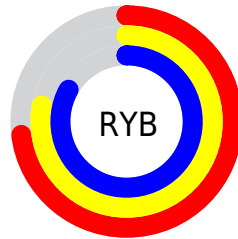
The Hex color **B9D4D4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D4B9B9**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **F1FFFF**, and **849D9D** is the 20% darker color. If you saturate the color by 10%, you get **A4D4D4**, and if you desaturate by 10%, it is **CED4D4**.

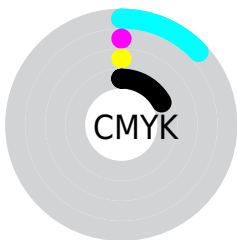
# Distribution



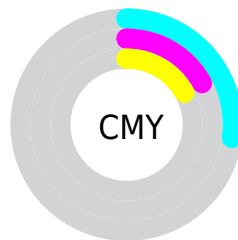
- Red (73%)
- Green (83%)
- Blue (83%)



- Red (73%)
- Yellow (78%)
- Blue (83%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color B9D4D4 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 B9D4D4 by changing the saturation by 10% instead.



 B9D4D4

 B9D4D4

FFFFFF

 9EB8B8

 F1FFFF

 849D9D

 6A8383

 526A6A

 3A5252

 243B3B

 0E2526

 001111

 000000

 B9D4D4

 B9D4D4

 A4D4D4

 CED4D4

 8FD4D4

 E3D4D4

 79D4D4

 F9D4D4

 64D4D4

 FFD4D4

 4FD4D4

 3AD4D4

 25D4D4

 0FD4D4

 00D4D4

# Harmonies

## Analogous

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



BDD4CB



B9D4D4



BBD3DC

# Triad

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



B9D4D4



D7CBDA



DACDBD

# Complementary

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



B9D4D4



D4B9B9

# 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.



E0CAC2



B9D4D4



DFC9D2

# Square

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



B9D4D4



CCCEDF



E2C9C9



D0D0BE

# Rectangle

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



B9D4D4



BFD1DF



E2C9C9



DCCCBE



# Sweetspot

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



B9D4D4



F5FFFF



B9D4B9



798080



000000



808080



# Same Dimension

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



B9D4D4



D9FFFF



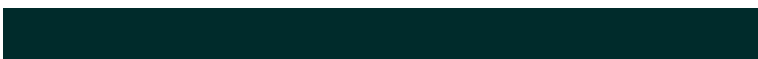
B9C7D4



606B6B



00ABAB



002B2B



# Inverse Universe

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



D4B9D4



FFD9FF



D4C7B9



6B606B



AB00AB

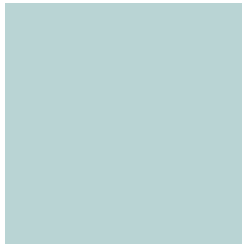


2B002B



# Previews

## White Background



This preview shows how the Hex color B9D4D4 looks on a white background.

## Color Contrast Check

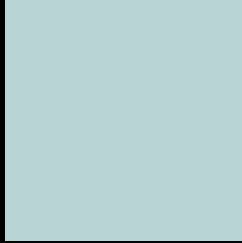
Large Text (above 18pt) WCAG AA × Fail

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 B9D4D4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

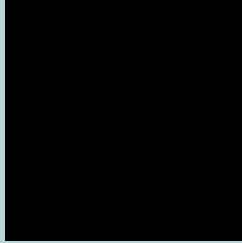
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

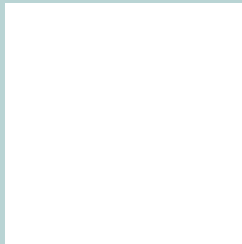
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B9D4D4 Background



This preview shows how black text looks on a background with the Hex color B9D4D4.

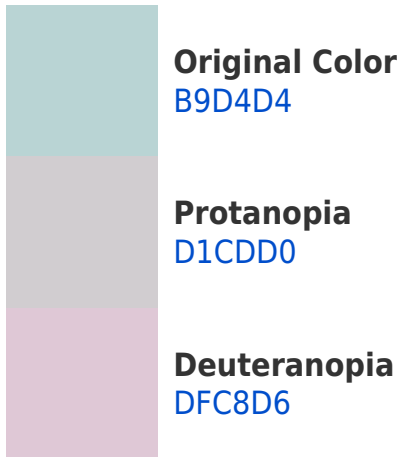


This preview shows how white text looks on a background with the Hex color B9D4D4.

# 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





# Trichromacy



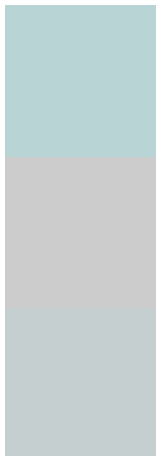
**Original Color**  
B9D4D4

**Protanomaly**  
C8D0D1

**Deuteranomaly**  
D1CCD5

**Tritanomaly**  
BBD3DD

# Monochromacy



**Original Color**  
B9D4D4

**Achromatopsia**  
CCCCCC

**Achromatomaly**  
C5CFCF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9D4D4 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 #B9D4D4 looks like.

```
.text, #text, p{  
    color:#B9D4D4  
}
```

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 #B9D4D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9D4D4
}
```

## Border

The CSS property to change the border of an element to Hex B9D4D4 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
#B9D4D4 }
```

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

```
.border{ border-color:#B9D4D4 }
```

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

Here you see how a box with a 4 pixel #B9D4D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9D4D4; -webkit-box-shadow:4px 4px  
4px 4px #B9D4D4; box-shadow:4px 4px 4px  
4px #B9D4D4 }
```

# Background

The CSS property to change the background color of an element to Hex B9D4D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9D4D4 }
```

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

```
.background{ background-color:#B9D4D4 }
```

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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