

# Converting Colors

Hex(B0D9DB)

Have a look what the booklet for  
Hex(B0D9DB) contains.

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# **Color**

**Hex(B0D9DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0D9DB
RGB	176, 217, 219
RGB Percent	69%, 85%, 86%
CMY	0.3098, 0.1490, 0.1412
CMYK	0.20, 0.01, 0.00, 0.14
HSL	183°, 37%, 77%
HSV	183°, 20%, 86%
XYZ	55.5035, 63.9703, 76.4400
YIQ	204.9690, -25.0780, -8.0700

# Conversions

## Conversions Part 2

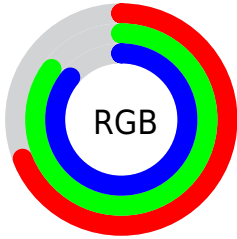
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	176, 197, 219
Decimal	11590107
CIE Lab	83.95, -12.90, -5.42
CIE LCh	84, 13.991, 202.814
Yxy	63.9703, 0.2833, 0.3265
Android (android.graphics.Color)	4289780187 (0xFFB0D9DB)
YUV	204.9690, 6.9173, -25.4058
Hunter-Lab	79.9814, -16.0965, -0.6777

# Details

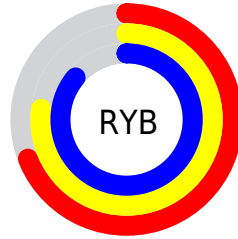
The Hex color **B0D9DB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DBB2B0**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **E8FFFF**, and **7BA2A4** is the 20% darker color. If you saturate the color by 10%, you get **9AD8DB**, and if you desaturate by 10%, it is **C6DADB**.

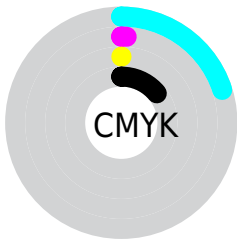
# Distribution



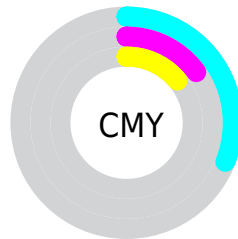
- Red (69%)
- Green (85%)
- Blue (86%)



- Red (69%)
- Yellow (77%)
- Blue (86%)



- Cyan (20%)
- Magenta (1%)
- Yellow (0%)
- Black (14%)



- Cyan (31%)
- Magenta (15%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0D9DB 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 B0D9DB by changing the saturation by 10% instead.



 B0D9DB

 B0D9DB

FFFFFF

 95BDBF

 E8FFFF

 7BA2A4

 61888A

 486E70

 305658

 183F41

 00292B

 001516

 000000

 B0D9DB

 B0D9DB

 9AD8DB

 C6DADB

 84D7DB

 DCDBDB

 6ED6DB

 F2DCDB

 58D5DB

 FFDDDB

 42D4DB

 FFDEDB

 2DD3DB

 FFDFDB

 17D2DB

 FFE0DB

 01D1DB

 FFE1DB

 00D1DB

 FFE2DB

# Harmonies

## Analogous

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



B6D9CE



B0D9DB



B4D7E6

# Triad

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



B0D9DB



E0CBE1



DFCFB7

# Complementary

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



B0D9DB



DBB2B0

# 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.



EACBBD



B0D9DB



EAC9D5

# Square

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



B0D9DB



D0CFEA



EEC9C8



D1D4B9

# Rectangle

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



B0D9DB



BBD5EA



EEC9C8



E3CEB8

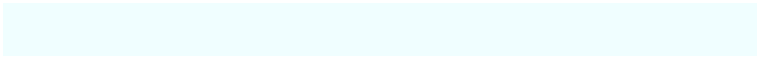


# Sweetspot

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



B0D9DB



F0FEFF



B0DBB1



777F80



000000



808080



# Same Dimension

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



B0D9DB



C2FCFF



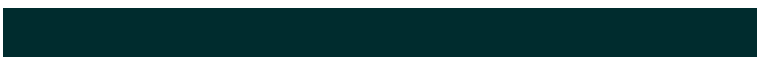
B0C4DB



636D6E



00A5AD



002C2E



# Inverse Universe

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



DBB0D9



FFC2FC



DBC7B0



6E636D



AD00A5

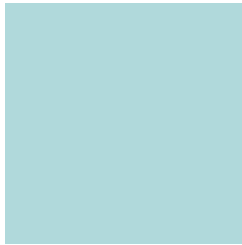


2E002C



# Previews

## White Background



This preview shows how the Hex color B0D9DB looks on a white background.

## Color Contrast Check

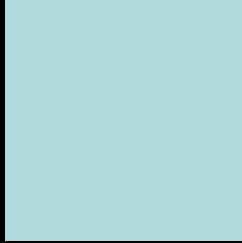
Large Text (above 18pt) WCAG AA × Fail

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 B0D9DB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

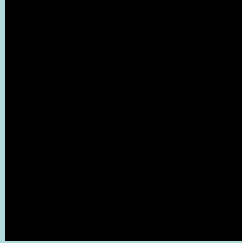
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

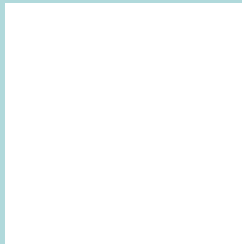
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B0D9DB Background



This preview shows how black text looks on a background with the Hex color B0D9DB.

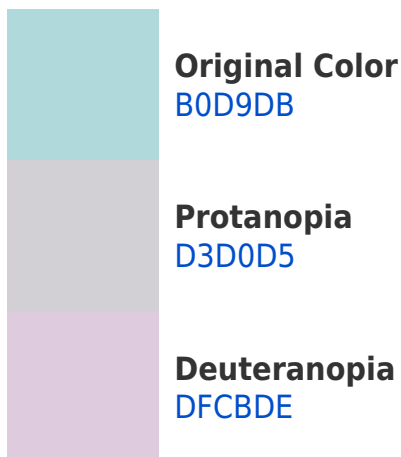


This preview shows how white text looks on a background with the Hex color B0D9DB.

# 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**  
B3D7E8

# Trichromacy



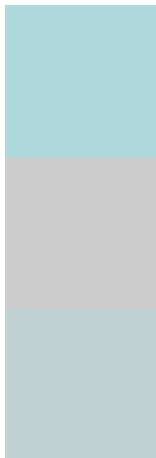
**Original Color**  
B0D9DB

**Protanomaly**  
C6D3D7

**Deuteranomaly**  
CED0DD

**Tritanomaly**  
B2D8E3

# Monochromacy



**Original Color**  
B0D9DB

**Achromatopsia**  
CDCDCD

**Achromatomaly**  
C2D1D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0D9DB 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 #B0D9DB looks like.

```
.text, #text, p{  
    color:#B0D9DB  
}
```

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 #B0D9DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0D9DB  
}
```

## Border

The CSS property to change the border of an element to Hex B0D9DB 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  
#B0D9DB }
```

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

```
.border{ border-color:#B0D9DB }
```

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

Here you see how a box with a 4 pixel #B0D9DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0D9DB; -webkit-box-shadow:4px 4px  
4px 4px #B0D9DB; box-shadow:4px 4px 4px  
4px #B0D9DB }
```

# Background

The CSS property to change the background color of an element to Hex B0D9DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0D9DB }
```

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

```
.background{ background-color:#B0D9DB }
```

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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