

Converting Colors

Hex(B0D4D0)

Have a look what the booklet for
Hex(B0D4D0) contains.

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Color

Hex(B0D4D0)

Conversions

Conversions Part 1

Format	Color
Hex	B0D4D0
RGB	176, 212, 208
RGB Percent	69%, 83%, 82%
CMY	0.3098, 0.1686, 0.1843
CMYK	0.17, 0.00, 0.02, 0.17
HSL	173°, 30%, 76%
HSV	173°, 17%, 83%
XYZ	52.8331, 60.8711, 68.6392
YIQ	200.7800, -20.1720, -8.8760

Conversions

Conversions Part 2

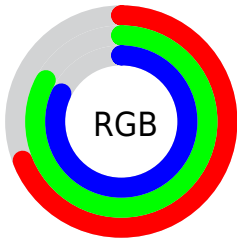
Format	Color
RYB	176, 195, 212
Decimal	11588816
CIELab	82.31, -12.64, -1.99
CIELCh	82, 12.792, 188.946
Yxy	60.8711, 0.2897, 0.3338
Android (android.graphics.Color)	4289778896 (0xFFB0D4D0)
YUV	200.7800, 3.5595, -21.7321
Hunter-Lab	78.0200, -15.6592, 2.4527

Details

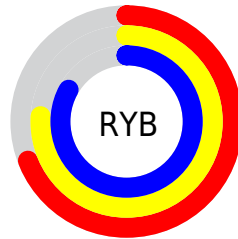
The Hex color **B0D4D0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D4B0B4**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **E8FFFF**, and **7B9D9A** is the 20% darker color. If you saturate the color by 10%, you get **9BD4CE**, and if you desaturate by 10%, it is **C5D4D2**.

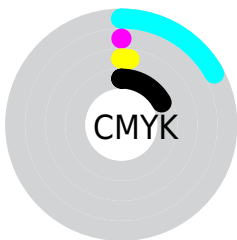
Distribution



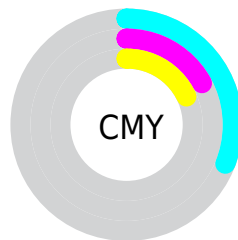
- Red (69%)
- Green (83%)
- Blue (82%)



- Red (69%)
- Yellow (76%)
- Blue (83%)



- Cyan (17%)
- Magenta (0%)
- Yellow (2%)
- Black (17%)



- Cyan (31%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0D4D0 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 B0D4D0 by changing the saturation by 10% instead.

 B0D4D0

 B0D4D0

FFFFFF

 95B8B4

 E8FFFF

 7B9D9A

 628380

 496A67

 31524F

 1A3B38

 032523

 000F0D

 000000

 B0D4D0

 B0D4D0

 9BD4CE

 C5D4D2

 86D4CB

 DAD4D5

 70D4C9

 F0D4D7

 5BD4C7

 FFD4D9

 46D4C4

 FFD4DC

 31D4C2

 FFD4DE

 1CD4C0

 FFD4E0

 06D4BD

 FFD4E3

 00D4BC

 FFD4E5

Harmonies

Analogous

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



B8D3C4



B0D4D0



AFD3DB

Triad

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



B0D4D0



D4C9DF



DFC9B7

Complementary

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



B0D4D0



D4B0B4

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.



E6C6BE



B0D4D0



E0C6D6

Square

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



B0D4D0



C5CDE4



E6C5C9



D3CDB5

Rectangle

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



B0D4D0



B4D1E1



E6C5C9



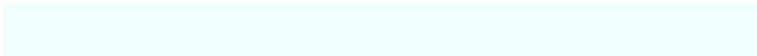
E2C8B9

Sweetspot

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



B0D4D0



F2FFFE



B4D4B0



78807F



000000



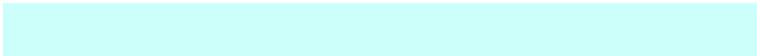
808080

Same Dimension

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



B0D4D0



CCFFF9



B0C6D4



606B6A



00AB98



002B27

Inverse Universe

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



D4B0B4



FFCCD2



D4BEB0



6B6062



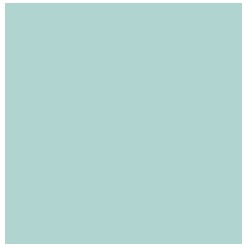
AB0013



2B0005

Previews

White Background



This preview shows how the Hex color B0D4D0 looks on a white background.

Color Contrast Check

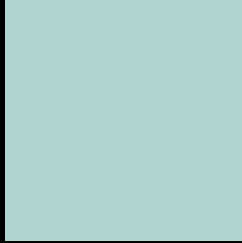
Large Text (above 18pt) WCAG AA × Fail

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 B0D4D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

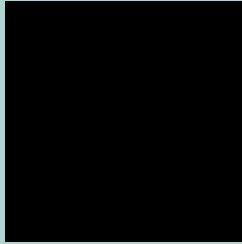
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

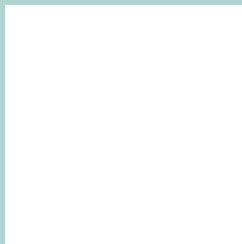
Any Text WCAG AAA ✓ Pass

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

Hex B0D4D0 Background



This preview shows how black text looks on a background with the Hex color B0D4D0.



This preview shows how white text looks on a background with the Hex color B0D4D0.

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](#).

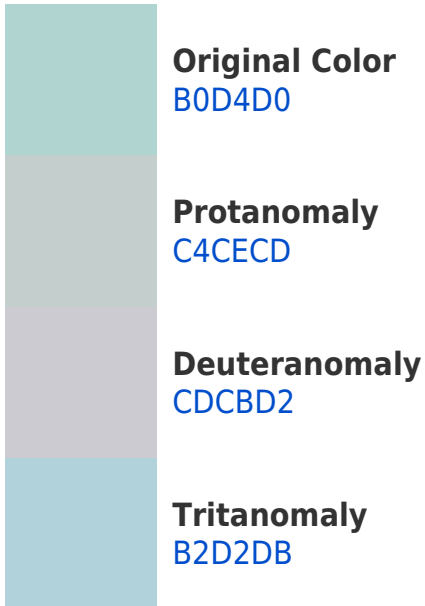
Dichromacy



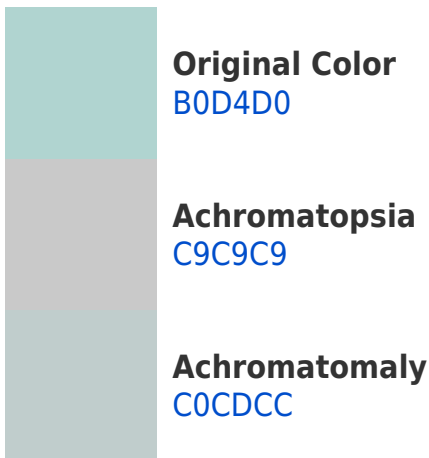


Tritanopia
B3D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0D4D0 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 #B0D4D0 looks like.

```
.text, #text, p{  
    color:#B0D4D0  
}
```

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 #B0D4D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0D4D0
}
```

Border

The CSS property to change the border of an element to Hex B0D4D0 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
#B0D4D0 }
```

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

```
.border{ border-color:#B0D4D0 }
```

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

Here you see how a box with a 4 pixel #B0D4D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0D4D0; -webkit-box-shadow:4px 4px  
4px 4px #B0D4D0; box-shadow:4px 4px 4px  
4px #B0D4D0 }
```

Background

The CSS property to change the background color of an element to Hex B0D4D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0D4D0 }
```

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

```
.background{ background-color:#B0D4D0 }
```

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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