

Converting Colors

Hex(B0D3D2)

Have a look what the booklet for
Hex(B0D3D2) contains.

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Color

Hex(B0D3D2)

Conversions

Conversions Part 1

Format	Color
Hex	B0D3D2
RGB	176, 211, 210
RGB Percent	69%, 83%, 82%
CMY	0.3098, 0.1725, 0.1765
CMYK	0.17, 0.00, 0.00, 0.17
HSL	178°, 28%, 76%
HSV	178°, 17%, 83%
XYZ	52.8316, 60.4718, 69.8605
YIQ	200.4210, -20.5390, -7.7310

Conversions

Conversions Part 2

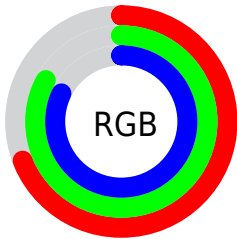
Format	Color
R _{YB}	176, 194, 211
Decimal	11588562
CIE Lab	82.09, -11.71, -3.37
CIE LCh	82, 12.187, 196.061
Yxy	60.4718, 0.2884, 0.3302
Android (android.graphics.Color)	4289778642 (0xFFB0D3D2)
YUV	200.4210, 4.7224, -21.4172
Hunter-Lab	77.7636, -14.8156, 1.1702

Details

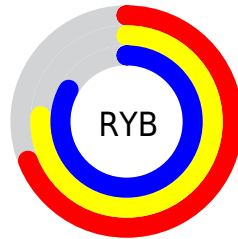
The Hex color **B0D3D2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D3B0B1**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **E8FFFF**, and **7B9C9C** is the 20% darker color. If you saturate the color by 10%, you get **9BD3D1**, and if you desaturate by 10%, it is **C5D3D3**.

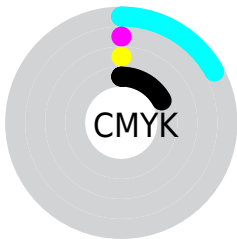
Distribution



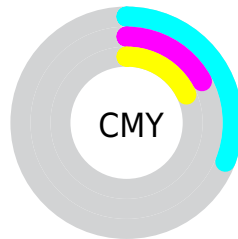
- Red (69%)
- Green (83%)
- Blue (82%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color B0D3D2 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 B0D3D2 by changing the saturation by 10% instead.

 B0D3D2

 B0D3D2

FFFFFF


 95B7B6

 E8FFFF

 7B9C9C

 628282

 496968

 315150

 1A3A3A

 032424

 000E0F

 000000

 B0D3D2

 B0D3D2

 9BD3D1

 C5D3D3

 86D3D1

 DAD3D3

 71D3D0

 EFD3D4

 5CD3D0

 FFD3D4

 47D3CF

 FFD3D5

 31D3CE

 FFD3D6

 1CD3CE

 FFD3D7

 07D3CD

 00D3CD

Harmonies

Analogous

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



B6D3C6



B0D3D2



B1D2DC

Triad

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



B0D3D2



D6C7DC



DBCAB6

Complementary

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



B0D3D2



D3B0B1

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.



E3C6BC



B0D3D2



E0C5D2

Square

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



B0D3D2



C8CBE2



E5C5C6



CFCDB6

Rectangle

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



B0D3D2



B7D0E1



E5C5C6



DEC8B8

Sweetspot

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



B0D3D2



F2FFFF



B1D3B0



78807F



000000



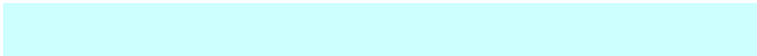
808080

Same Dimension

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



B0D3D2



CCFFFE



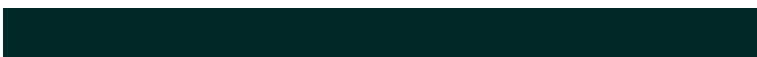
B0C3D3



5E6968



00A8A3



002928

Inverse Universe

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



D3B0B1



FFCCCD



D3C0B0



695E5E



A80005



290001

Previews

White Background



This preview shows how the Hex color B0D3D2 looks on a white background.

Color Contrast Check

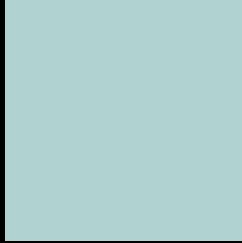
Large Text (above 18pt) WCAG AA × Fail

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 B0D3D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

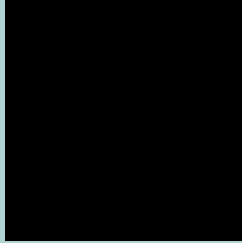
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

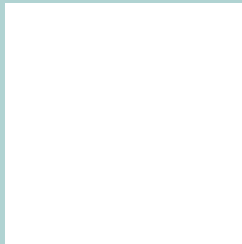
Any Text WCAG AAA ✓ Pass

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

Hex B0D3D2 Background



This preview shows how black text looks on a background with the Hex color B0D3D2.

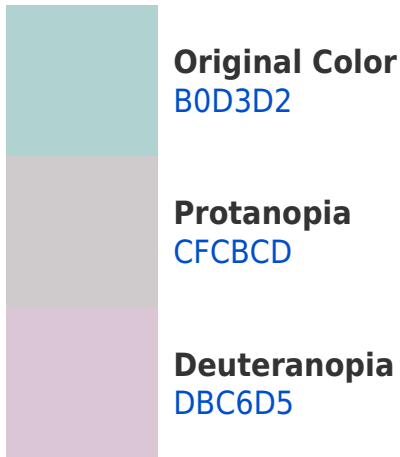


This preview shows how white text looks on a background with the Hex color B0D3D2.

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](#).

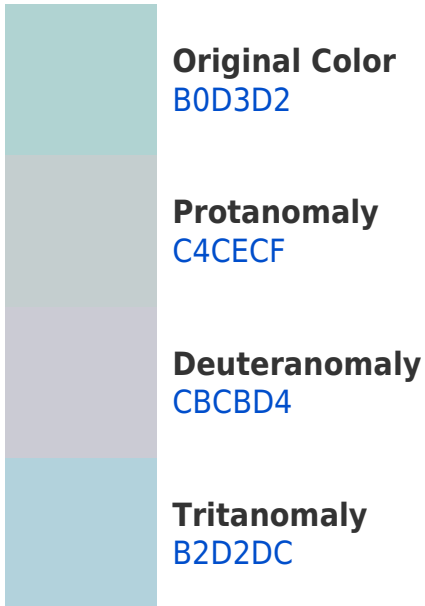
Dichromacy



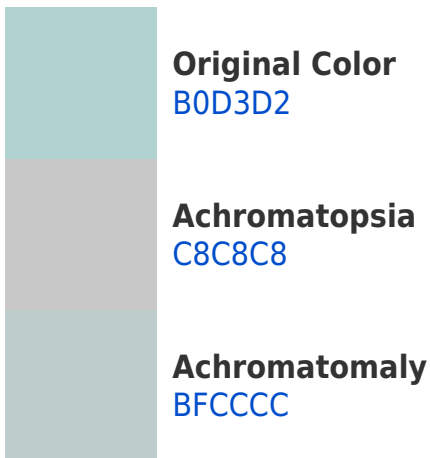


Tritanopia
B3D1E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0D3D2 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 #B0D3D2 looks like.

```
.text, #text, p{  
    color:#B0D3D2  
}
```

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 #B0D3D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0D3D2
}
```

Border

The CSS property to change the border of an element to Hex B0D3D2 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
#B0D3D2 }
```

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

```
.border{ border-color:#B0D3D2 }
```

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

Here you see how a box with a 4 pixel #B0D3D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0D3D2; -webkit-box-shadow:4px 4px  
4px 4px #B0D3D2; box-shadow:4px 4px 4px  
4px #B0D3D2 }
```

Background

The CSS property to change the background color of an element to Hex B0D3D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0D3D2 }
```

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

```
.background{ background-color:#B0D3D2 }
```

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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