

# Converting Colors

Hex(B0D8CE)

Have a look what the booklet for  
Hex(B0D8CE) contains.

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# **Color**

**Hex(B0D8CE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0D8CE
RGB	176, 216, 206
RGB Percent	69%, 85%, 81%
CMY	0.3098, 0.1529, 0.1922
CMYK	0.19, 0.00, 0.05, 0.15
HSL	165°, 34%, 77%
HSV	165°, 19%, 85%
XYZ	53.6009, 62.7981, 67.6887
YIQ	202.9000, -20.6300, -11.5900

# Conversions

## Conversions Part 2

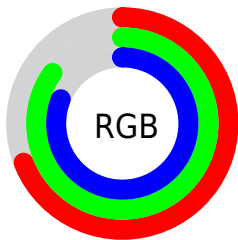
Format	Color
R <sub>YB</sub>	176, 199, 216
Decimal	11589838
CIE Lab	83.34, -15.08, 0.58
CIE LCh	83, 15.090, 177.812
Yxy	62.7981, 0.2912, 0.3411
Android (android.graphics.Color)	4289779918 (0xFFB0D8CE)
YUV	202.9000, 1.5283, -23.5913
Hunter-Lab	79.2452, -17.9430, 4.8281

# Details

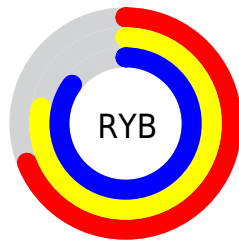
The Hex color **B0D8CE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D8B0BA**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **E8FFFF**, and **7BA198** is the 20% darker color. If you saturate the color by 10%, you get **9AD8C9**, and if you desaturate by 10%, it is **C6D8D3**.

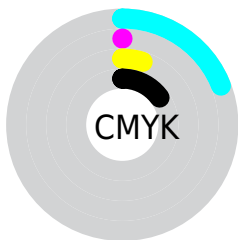
# Distribution



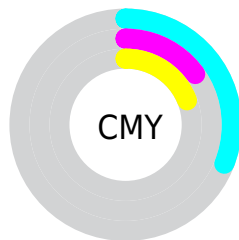
- Red (69%)
- Green (85%)
- Blue (81%)



- Red (69%)
- Yellow (78%)
- Blue (85%)



- Cyan (19%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)



- Cyan (31%)
- Magenta (15%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0D8CE 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 B0D8CE by changing the saturation by 10% instead.



 B0D8CE


 B0D8CE

FFFFFF

 95BCB3

 E8FFFF

 7BA198

 61877E

 496D65

 31554D

 1A3E36

 022821

 00140A

 000000

 B0D8CE

 B0D8CE

 9AD8C9

 C6D8D3

 85D8C3

 DBD8D9

 6FD8BE

 F1D8DE

 5AD8B8

 FFD8E4

 44D8B3

 FFD8E9

 2ED8AE

 FFD8EE

 19D8A8

 FFD8F4

 03D8A3

 FFD8F9

 00D8A2

 FFD8FF

# Harmonies

## Analogous

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



BCD6C0



B0D8CE



ABD8DC

# Triad

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



B0D8CE



D1CCE9



E8CAB8

# Complementary

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



B0D8CE



D8B0BA

# 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.



EEC7C3



B0D8CE



E1C8DF

# Square

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



B0D8CE



BFD1EC



ECC6D1



DCCEB3

# Rectangle

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



B0D8CE



AED6E4



ECC6D1



EBC8BB



# Sweetspot

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



B0D8CE



F0FFFB



BAD8B0



77807D



000000



808080

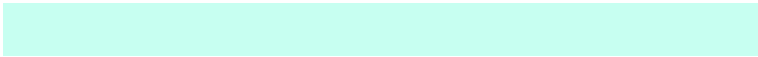


# Same Dimension

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



B0D8CE



C7FFF1



B0CED8



606B68



00AB80



002B21



# Inverse Universe

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



D8B0BA



FFC7D5



D8BAB0



6B6063



AB002B

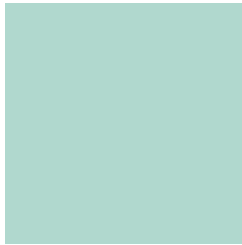


2B000B



# Previews

## White Background



This preview shows how the Hex color B0D8CE looks on a white background.

## Color Contrast Check

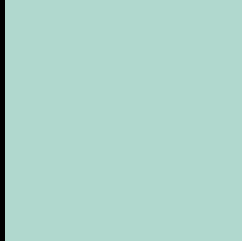
Large Text (above 18pt) WCAG AA × Fail

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 B0D8CE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

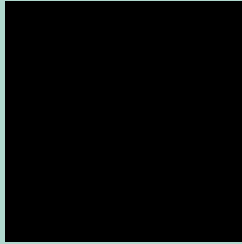
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B0D8CE Background



This preview shows how black text looks on a background with the Hex color B0D8CE.



This preview shows how white text looks on a background with the Hex color B0D8CE.

# 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**  
B4D4E5

# Trichromacy



**Original Color**  
B0D8CE

**Protanomaly**  
C7D2CA

**Deuteranomaly**  
D0CED0

**Tritanomaly**  
B3D5DD

# Monochromacy



**Original Color**  
B0D8CE

**Achromatopsia**  
CBCBCB

**Achromatomaly**  
C1D0CC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0D8CE 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 #B0D8CE looks like.

```
.text, #text, p{  
    color:#B0D8CE  
}
```

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 #B0D8CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0D8CE
}
```

## Border

The CSS property to change the border of an element to Hex B0D8CE 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
#B0D8CE }
```

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

```
.border{ border-color:#B0D8CE }
```

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

Here you see how a box with a 4 pixel #B0D8CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0D8CE; -webkit-box-shadow:4px 4px  
4px 4px #B0D8CE; box-shadow:4px 4px 4px  
4px #B0D8CE }
```

# Background

The CSS property to change the background color of an element to Hex B0D8CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0D8CE }
```

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

```
.background{ background-color:#B0D8CE }
```

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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