

# Converting Colors

Hex(B0D9D5)

Have a look what the booklet for  
Hex(B0D9D5) contains.

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# **Color**

**Hex(B0D9D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0D9D5
RGB	176, 217, 213
RGB Percent	69%, 85%, 84%
CMY	0.3098, 0.1490, 0.1647
CMYK	0.19, 0.00, 0.02, 0.15
HSL	174°, 35%, 77%
HSV	174°, 19%, 85%
XYZ	54.7276, 63.6599, 72.3539
YIQ	204.2850, -23.1520, -9.9360

# Conversions

## Conversions Part 2

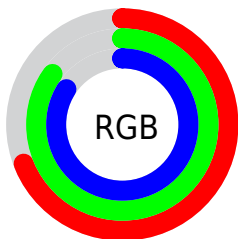
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 198, 217
Decimal	11590101
CIELab	83.79, -14.15, -2.48
CIElCh	84, 14.370, 189.932
Yxy	63.6599, 0.2869, 0.3337
Android (android.graphics.Color)	4289780181 (0xFFB0D9D5)
YUV	204.2850, 4.2965, -24.8059
Hunter-Lab	79.7872, -17.1909, 2.0847

# Details

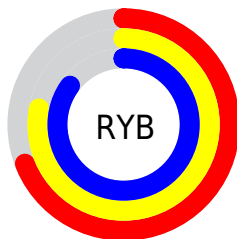
The Hex color **B0D9D5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D9B0B4**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **E8FFFF**, and **7BA29E** is the 20% darker color. If you saturate the color by 10%, you get **9AD9D3**, and if you desaturate by 10%, it is **C6D9D7**.

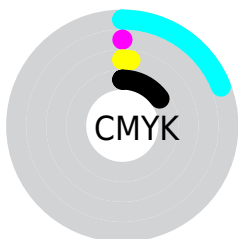
# Distribution



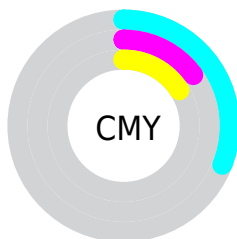
- Red (69%)
- Green (85%)
- Blue (84%)



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



- Cyan (19%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (31%)
- Magenta (15%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0D9D5 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 B0D9D5 by changing the saturation by 10% instead.



 B0D9D5


 B0D9D5

FFFFFF


 95BDB9

 E8FFFF

 7BA29E

 618884

 486E6B

 315653

 193F3C

 002826

 001512

 000000

 B0D9D5

 B0D9D5

 9AD9D3

 C6D9D7

 85D9D1

 DBD9D9

 6FD9CF

 F1D9DB

 59D9CD

 FFD9DD

 43D9CA

 FFD9E0

 2ED9C8

 FFD9E2

 18D9C6

 FFD9E4

 02D9C4

 FFD9E6

 00D9C4

 FFD9E8

# Harmonies

## Analogous

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



B9D8C7



B0D9D5



AFD8E2

# Triad

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



B0D9D5



D9CCE6



E5CDB8

# Complementary

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



B0D9D5



D9B0B4

# 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.



EDC9C0



B0D9D5



E7C9DA

# Square

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



B0D9D5



C8D0EB



EEC8CD



D7D1B6

# Rectangle

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



B0D9D5



B5D6E8



EEC8CD



E8CCBA



# Sweetspot

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



B0D9D5



F0FFFE



B4D9B0



77807F



000000



808080



# Same Dimension

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



B0D9D5



C4FFF9



B0C9D9



636E6D



00AD9C



002E29



# Inverse Universe

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



D9B0B4



FFC4CA



D9C0B0



6E6364



AD0011



2E0004



# Previews

## White Background



This preview shows how the Hex color B0D9D5 looks on a white background.

## Color Contrast Check

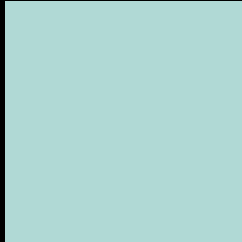
Large Text (above 18pt) WCAG AA × Fail

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 B0D9D5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

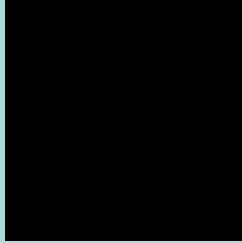
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

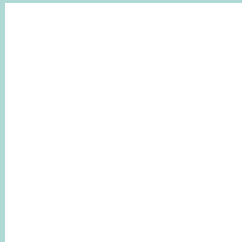
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B0D9D5 Background



This preview shows how black text looks on a background with the Hex color B0D9D5.

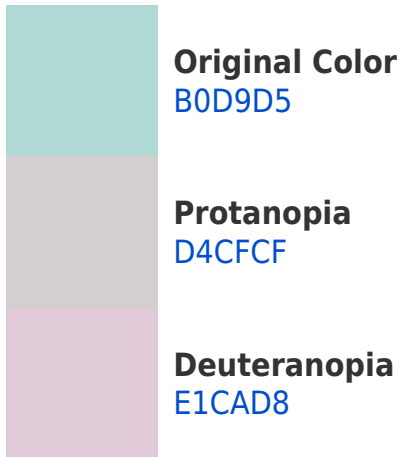


This preview shows how white text looks on a background with the Hex color B0D9D5.

# 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](#).

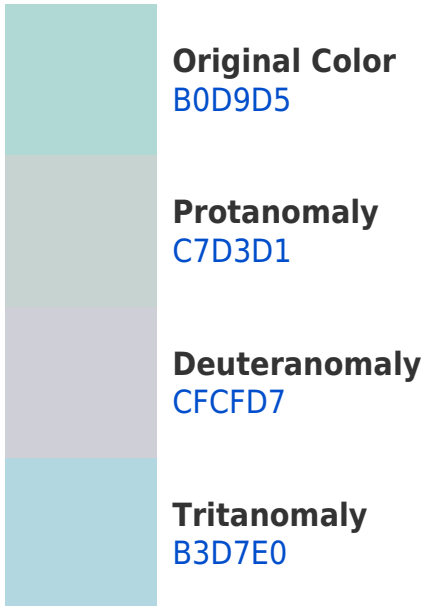
## Dichromacy



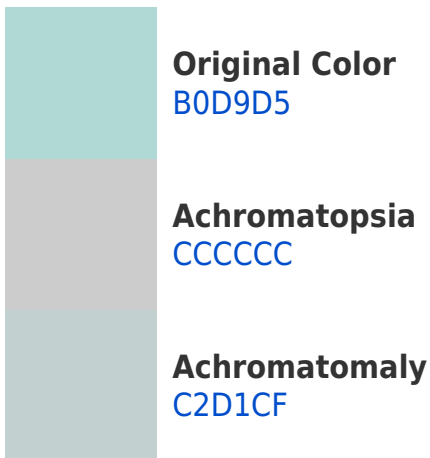


**Tritanopia**  
B4D6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0D9D5 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 #B0D9D5 looks like.

```
.text, #text, p{  
    color:#B0D9D5  
}
```

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 #B0D9D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0D9D5
}
```

## Border

The CSS property to change the border of an element to Hex B0D9D5 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
#B0D9D5 }
```

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

```
.border{ border-color:#B0D9D5 }
```

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

Here you see how a box with a 4 pixel #B0D9D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0D9D5; -webkit-box-shadow:4px 4px  
4px 4px #B0D9D5; box-shadow:4px 4px 4px  
4px #B0D9D5 }
```

# Background

The CSS property to change the background color of an element to Hex B0D9D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0D9D5 }
```

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

```
.background{ background-color:#B0D9D5 }
```

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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