

Converting Colors

Hex(B0D9B0)

Have a look what the booklet for
Hex(B0D9B0) contains.

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Color

Hex(B0D9B0)

Conversions

Conversions Part 1

Format	Color
Hex	B0D9B0
RGB	176, 217, 176
RGB Percent	69%, 85%, 69%
CMY	0.3098, 0.1490, 0.3098
CMYK	0.19, 0.00, 0.19, 0.15
HSL	120°, 35%, 77%
HSV	120°, 19%, 85%
XYZ	50.5538, 61.9904, 50.3752
YIQ	200.0670, -11.2750, -21.4430

Conversions

Conversions Part 2

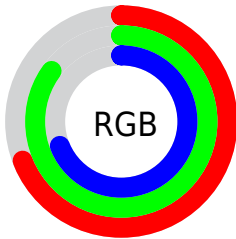
Format	Color
RYB	176, 217, 217
Decimal	11590064
CIELab	82.91, -21.22, 15.85
CIElCh	83, 26.481, 143.245
Yxy	61.9904, 0.3103, 0.3805
Android (android.graphics.Color)	4289780144 (0xFFB0D9B0)
YUV	200.0670, -11.8650, -21.1068
Hunter-Lab	78.7340, -23.1725, 17.1792

Details

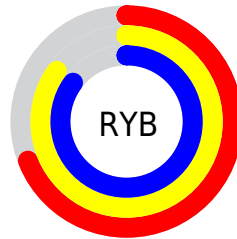
The Hex color **B0D9B0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D9B0D9**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **E8FFE8**, and **7BA27B** is the 20% darker color. If you saturate the color by 10%, you get **9AD99A**, and if you desaturate by 10%, it is **C6D9C6**.

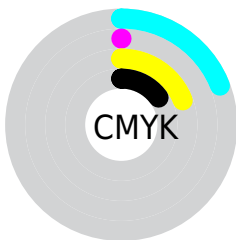
Distribution



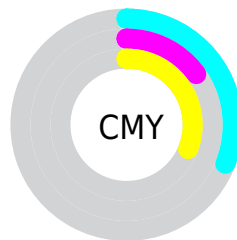
- Red (69%)
- Green (85%)
- Blue (69%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color B0D9B0 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 B0D9B0 by changing the saturation by 10% instead.

 B0D9B0

 B0D9B0

FFFFFF


 95BD95

 E8FFE8

 7BA27B

 618862

 496E4A

 315634

 1A3E1E

 042807

 001200

 000000

 B0D9B0

 B0D9B0

 9AD99A

 C6D9C6

 85D985

 DBD9DB

 6FD96F

 F1D9F1

 59D959

 FFD9FF

 43D943

 2ED92E

 18D918

 02D902

 00D900

Harmonies

Analogous

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



CDD3A0



B0D9B0



96DCC8

Triad

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



B0D9B0



A9D2FF



FFBDBC

Complementary

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



B0D9B0



D9B0D9

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.



FCBDD5



B0D9B0



CBCAFC

Square

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



B0D9B0



8FD9F5



E9C2ED



F9C3A8

Rectangle

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



B0D9B0



8BDDD9



E9C2ED



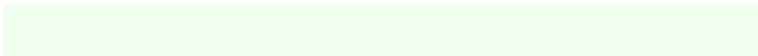
FFBDC4

Sweetspot

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



B0D9B0



F0FFF0



D9D9B0



778077



000000



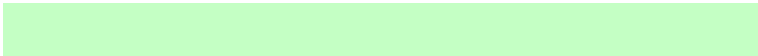
808080

Same Dimension

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



B0D9B0



C4FFC4



B0D9C5



636E63



00AD00



002E00

Inverse Universe

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



D9B0D9



FFC4FF



D9B0C5



6E636E



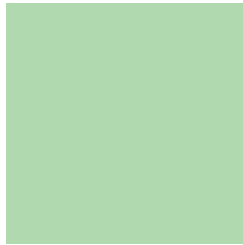
AD00AD



2E002E

Previews

White Background



This preview shows how the Hex color B0D9B0 looks on a white background.

Color Contrast Check

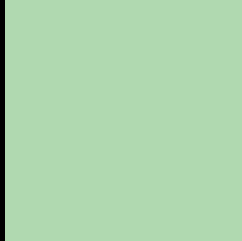
Large Text (above 18pt) WCAG AA × Fail

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 B0D9B0 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 B0D9B0 Background



This preview shows how black text looks on a background with the Hex color B0D9B0.

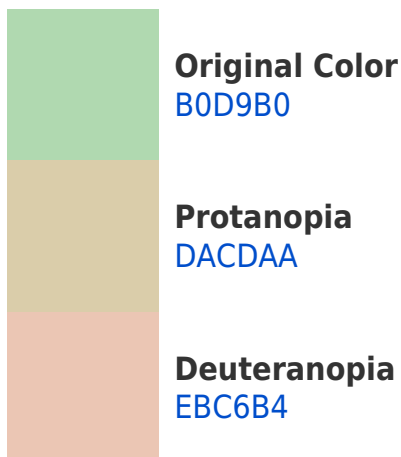


This preview shows how white text looks on a background with the Hex color B0D9B0.

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](#).

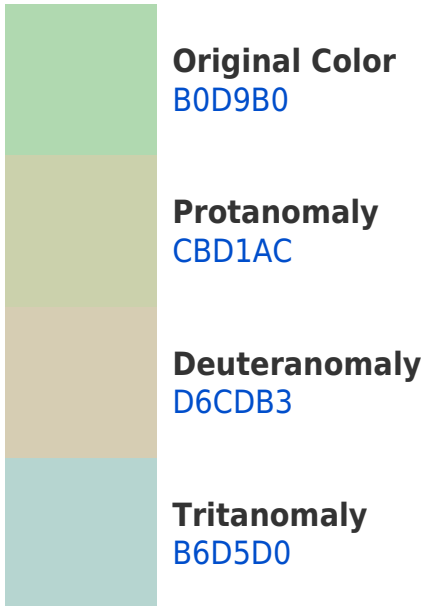
Dichromacy





Tritanopia
B9D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0D9B0 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 #B0D9B0 looks like.

```
.text, #text, p{  
    color:#B0D9B0  
}
```

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 #B0D9B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0D9B0
}
```

Border

The CSS property to change the border of an element to Hex B0D9B0 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
#B0D9B0 }
```

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

```
.border{ border-color:#B0D9B0 }
```

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

Here you see how a box with a 4 pixel #B0D9B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0D9B0; -webkit-box-shadow:4px 4px  
4px 4px #B0D9B0; box-shadow:4px 4px 4px  
4px #B0D9B0 }
```

Background

The CSS property to change the background color of an element to Hex B0D9B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0D9B0 }
```

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

```
.background{ background-color:#B0D9B0 }
```

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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