

Converting Colors

Hex(B0DCB8)

Have a look what the booklet for
Hex(B0DCB8) contains.

Hex(B0DCB8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B0DCB8)

Conversions

Conversions Part 1

Format	Color
Hex	B0DCB8
RGB	176, 220, 184
RGB Percent	69%, 86%, 72%
CMY	0.3098, 0.1373, 0.2784
CMYK	0.20, 0.00, 0.16, 0.14
HSL	131°, 39%, 78%
HSV	131°, 20%, 86%
XYZ	52.1494, 63.8772, 54.9284
YIQ	202.7400, -14.6680, -20.5240

Conversions

Conversions Part 2

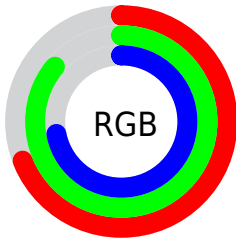
Format	Color
RYB	176, 213, 220
Decimal	11590840
CIELab	83.90, -21.28, 13.03
CIELCh	84, 24.955, 148.517
Yxy	63.8772, 0.3050, 0.3736
Android (android.graphics.Color)	4289780920 (0xFFB0DCB8)
YUV	202.7400, -9.2388, -23.4510
Hunter-Lab	79.9232, -23.3954, 15.1984

Details

The Hex color **B0DCB8** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DCB0D4**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **E8FFF0**, and **7BA583** is the 20% darker color. If you saturate the color by 10%, you get **9ADCA6**, and if you desaturate by 10%, it is **C6DCCA**.

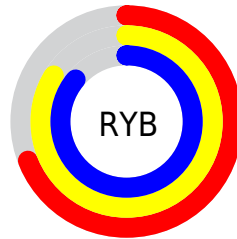
Distribution



Red (69%)

Green (86%)

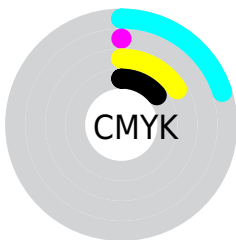
Blue (72%)



Red (69%)

Yellow (84%)

Blue (86%)

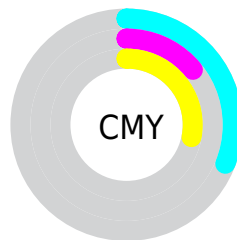


Cyan (20%)

Magenta (0%)

Yellow (16%)

Black (14%)



Cyan (31%)

Magenta (14%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0DCB8 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 B0DCB8 by changing the saturation by 10% instead.

 B0DCB8

FFFFFF

 E8FFF0


 B0DCB8

 95C09D

 7BA583

 618A6A

 497151

 31583A

 194125

 022A10

 001600

 000000

 B0DCB8

 B0DCB8

 9ADCA6

 C6DCCA

 84DC94

 DCDCDC

 6EDC82

 F2DCEE

 58DC70

 FFDCFF

 42DC5E

 2CDC4C

 16DC3A

 00DC28

Harmonies

Analogous

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



CBD7A8



B0DCB8



99DFCF

Triad

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



B0DCB8



B4D4FF



FFC2BC

Complementary

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



B0DCB8



DCB0D4

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.



FFC1D3



B0DCB8



D4CCFA

Square

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



B0DCB8



99DAF9



EFC4EA



F8C7AA

Rectangle

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



B0DCB8



91DFDF



EFC4EA



FFC1C3

Sweetspot

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



B0DCB8



F0FF2



D5DCB0



778078



000000



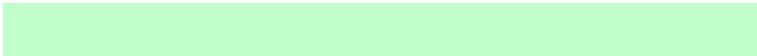
808080

Same Dimension

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



B0DCB8



C2FFCD



B0DCCD



636E65



00AD20



002E08

Inverse Universe

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



DCB0D4



FFC2F4



DCB0BF



6E636C



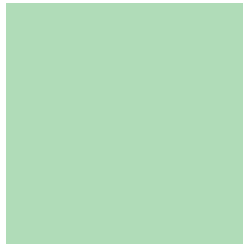
AD008E



2E0026

Previews

White Background



This preview shows how the Hex color B0DCB8 looks on a white background.

Color Contrast Check

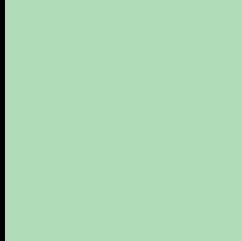
Large Text (above 18pt) WCAG AA × Fail

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 B0DCB8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

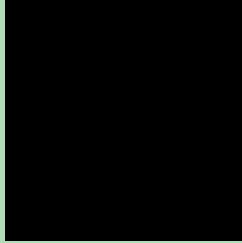
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

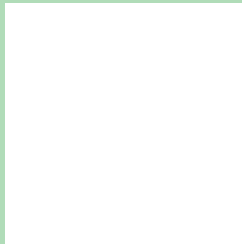
Any Text WCAG AAA ✓ Pass

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

Hex B0DCB8 Background



This preview shows how black text looks on a background with the Hex color B0DCB8.

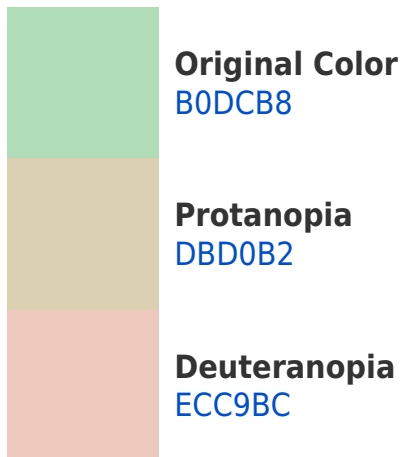


This preview shows how white text looks on a background with the Hex color B0DCB8.

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](#).

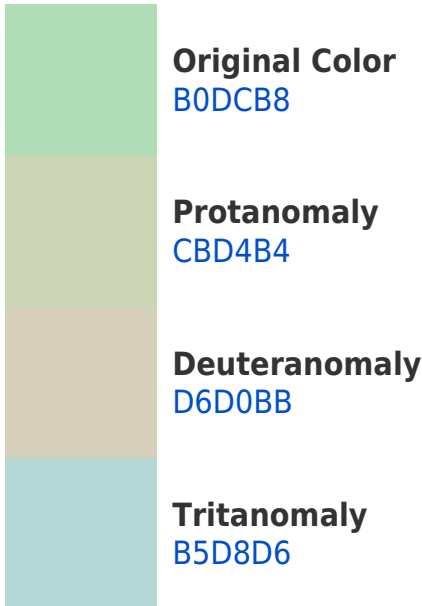
Dichromacy



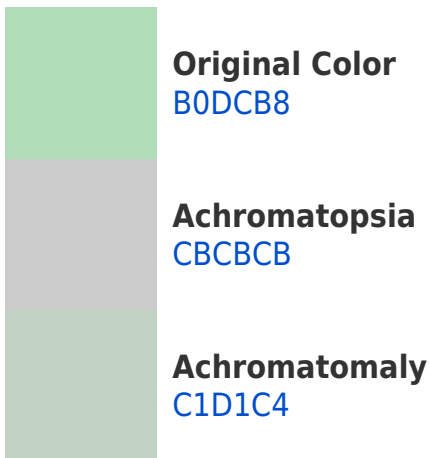


Tritanopia
B8D5E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0DCB8 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 #B0DCB8 looks like.

```
.text, #text, p{  
    color:#B0DCB8  
}
```

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 #B0DCB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0DCB8
}
```

Border

The CSS property to change the border of an element to Hex B0DCB8 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
#B0DCB8 }
```

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

```
.border{ border-color:#B0DCB8 }
```

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

Here you see how a box with a 4 pixel #B0DCB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0DCB8; -webkit-box-shadow:4px 4px  
4px 4px #B0DCB8; box-shadow:4px 4px 4px  
4px #B0DCB8 }
```

Background

The CSS property to change the background color of an element to Hex B0DCB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0DCB8 }
```

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

```
.background{ background-color:#B0DCB8 }
```

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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