

Converting Colors

Hex(B0DFB0)

Have a look what the booklet for
Hex(B0DFB0) contains.

Hex(B0DFB0)	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(**B0DFB0**)

Conversions

Conversions Part 1

Format	Color
Hex	B0DFB0
RGB	176, 223, 176
RGB Percent	69%, 87%, 69%
CMY	0.3098, 0.1255, 0.3098
CMYK	0.21, 0.00, 0.21, 0.13
HSL	120°, 42%, 78%
HSV	120°, 21%, 87%
XYZ	52.1286, 65.1400, 50.9001
YIQ	203.5890, -12.9250, -24.5810

Conversions

Conversions Part 2

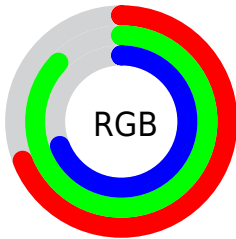
Format	Color
RYB	176, 223, 223
Decimal	11591600
CIELab	84.56, -24.15, 18.15
CIELCh	85, 30.215, 143.076
Yxy	65.1400, 0.3100, 0.3873
Android (android.graphics.Color)	4289781680 (0xFFB0DFB0)
YUV	203.5890, -13.6014, -24.1956
Hunter-Lab	80.7094, -25.9517, 19.1048

Details

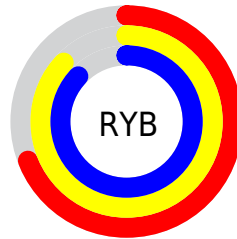
The Hex color **B0DFB0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DFB0DF**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **E8FFE8**, and **7BA87B** is the 20% darker color. If you saturate the color by 10%, you get **9ADF9A**, and if you desaturate by 10%, it is **C6DFC6**.

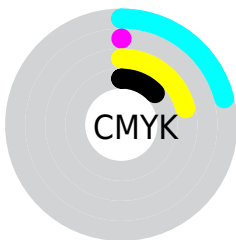
Distribution



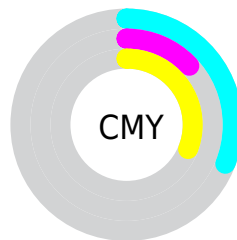
- Red (69%)
- Green (87%)
- Blue (69%)



- Red (69%)
- Yellow (87%)
- Blue (87%)



- Cyan (21%)
- Magenta (0%)
- Yellow (21%)
- Black (13%)



- Cyan (31%)
- Magenta (13%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0DFB0 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 B0DFB0 by changing the saturation by 10% instead.

 B0DFB0

FFFFFF

 E8FFE8

 B0DFB0

 95C395

 7BA87B

 618D62

 48734A

 305B33

 18431E

 002C06

 001900

 000000

 B0DFB0

 B0DFB0

 9ADF9A

 C6DFC6

 83DF83

 DDDFDD

 6DDF6D

 F3DFF3

 57DF57

 FFDFFF

 41DF41

 2ADF2A

 14DF14

 00DF00

Harmonies

Analogous

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



D1D89E



B0DFB0



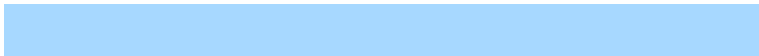
91E3CB

Triad

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



B0DFB0



A7D8FF



FFBFBE

Complementary

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



B0DFB0



DFB0DF

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.



FFBFDB



B0DFB0



CFCEFF

Square

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



B0DFB0



87DFFF



F1C5F6



FFC6A7

Rectangle

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



B0DFB0



83E3DF



F1C5F6



FFBEC7

Sweetspot

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



B0DFB0



F0FFF0



DFDFB0



778077



000000



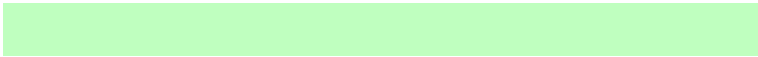
808080

Same Dimension

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



B0DFB0



BFFFBF



B0DFC8



657065



00B000



003000

Inverse Universe

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



DFB0DF



FFBFFF



DFB0C8



706570



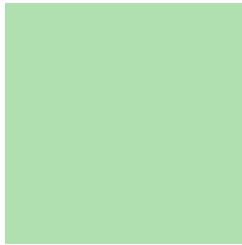
B000B0



300030

Previews

White Background



This preview shows how the Hex color B0DFB0 looks on a white background.

Color Contrast Check

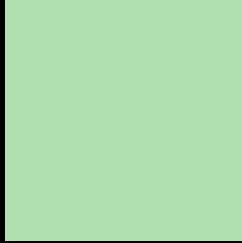
Large Text (above 18pt) WCAG AA × Fail

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 B0DFB0 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 B0DFB0 Background



This preview shows how black text looks on a background with the Hex color B0DFB0.

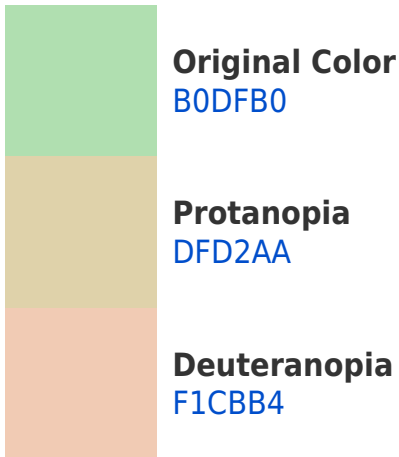


This preview shows how white text looks on a background with the Hex color B0DFB0.

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](#).

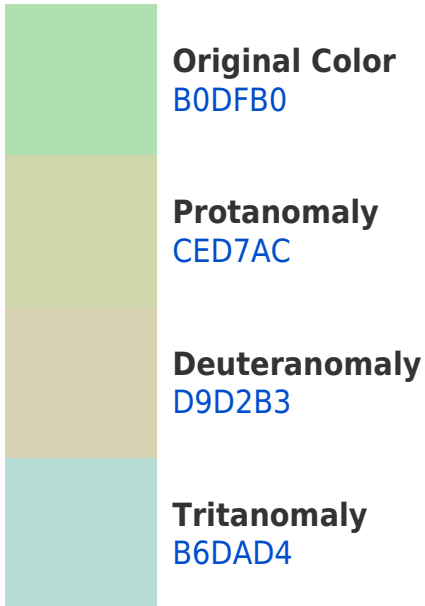
Dichromacy



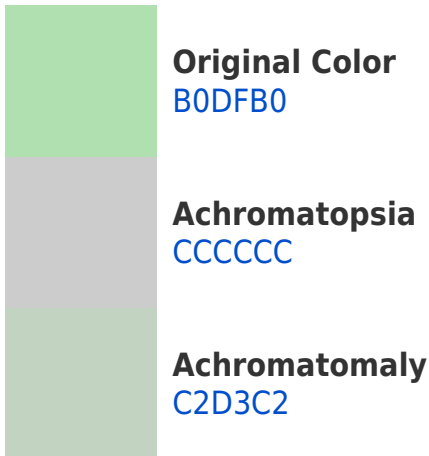


Tritanopia
BAD7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0DFB0 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 #B0DFB0 looks like.

```
.text, #text, p{  
    color:#B0DFB0  
}
```

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 #B0DFB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0DFB0
}
```

Border

The CSS property to change the border of an element to Hex B0DFB0 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
#B0DFB0 }
```

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

```
.border{ border-color:#B0DFB0 }
```

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

Here you see how a box with a 4 pixel #B0DFB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0DFB0; -webkit-box-shadow:4px 4px  
4px 4px #B0DFB0; box-shadow:4px 4px 4px  
4px #B0DFB0 }
```

Background

The CSS property to change the background color of an element to Hex B0DFB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0DFB0 }
```

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

```
.background{ background-color:#B0DFB0 }
```

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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