

Converting Colors

Hex(B0DDB2)

Have a look what the booklet for
Hex(B0DDB2) contains.

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Color

Hex(B0DDB2)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B0DDB2 |
| RGB | 176, 221, 178 |
| RGB Percent | 69%, 87%, 70% |
| CMY | 0.3098, 0.1333, 0.3020 |
| CMYK | 0.20, 0.00, 0.19, 0.13 |
| HSL | 123°, 40%, 78% |
| HSV | 123°, 20%, 87% |
| XYZ | 51.7968, 64.1574, 51.7731 |
| YIQ | 202.6430, -13.0170, -22.9130 |

Conversions

Conversions Part 2

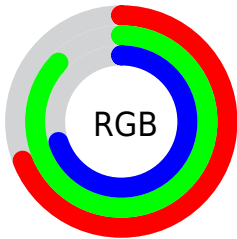
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 176, 219, 221 |
| Decimal | 11591090 |
| CIELab | 84.05, -22.83, 16.39 |
| CIELCh | 84, 28.109, 144.325 |
| Yxy | 64.1574, 0.3088, 0.3825 |
| Android (android.graphics.Color) | 4289781170 (0xFFB0DDB2) |
| YUV | 202.6430, -12.1490, -23.3659 |
| Hunter-Lab | 80.0983, -24.7422, 17.7455 |

Details

The Hex color **B0DDB2** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DDB0DB**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **E8FFEA**, and **7BA67D** is the 20% darker color. If you saturate the color by 10%, you get **9ADD9D**, and if you desaturate by 10%, it is **C6DDC7**.

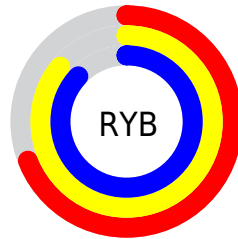
Distribution



Red (69%)

Green (87%)

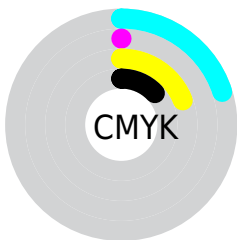
Blue (70%)



Red (69%)

Yellow (86%)

Blue (87%)

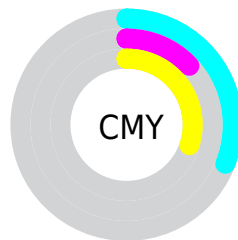


Cyan (20%)

Magenta (0%)

Yellow (19%)

Black (13%)



Cyan (31%)

Magenta (13%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0DDB2 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 B0DDB2 by changing the saturation by 10% instead.

 B0DDB2

FFFFFF

 E8FFEA


 B0DDB2

 95C197

 7BA67D

 618B64

 49724C

 315935

 19411F

 022B09

 001700

 000000

 B0DDB2

 B0DDB2

 9ADD9D

 C6DDC7

 84DD88

 DCDDDC

 6EDD73

 F2DDF1

 58DD5E

 FFDDFF

 42DD48

 2BDD33

 15DD1E

 00DD0A

Harmonies

Analogous

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



CED7A1



B0DDB2



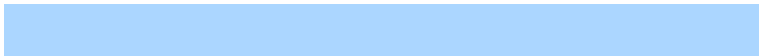
94E0CB

Triad

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



B0DDB2



ABD6FF



FFC0BD

Complementary

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



B0DDB2



DDB0DB

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.



FFBFD8



B0DDB2



CFCDFE

Square

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



B0DDB2



8DDDFC



EFC4F1



FFC6A8

Rectangle

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



B0DDB2



88E1DE



EFC4F1



FFBFC6

Sweetspot

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



B0DDB2



F0FFF0



DCDDB0



778077



000000



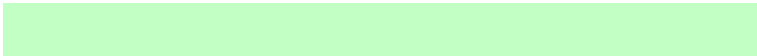
808080

Same Dimension

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



B0DDB2



C2FFC5



B0DDC8



636E63



00AD08



002E02

Inverse Universe

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



DDB0DB



FFC2FC



DDB0C5



6E636D



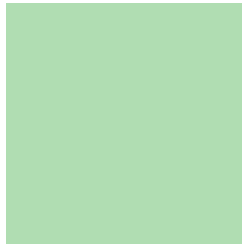
AD00A6



2E002C

Previews

White Background



This preview shows how the Hex color B0DDB2 looks on a white background.

Color Contrast Check

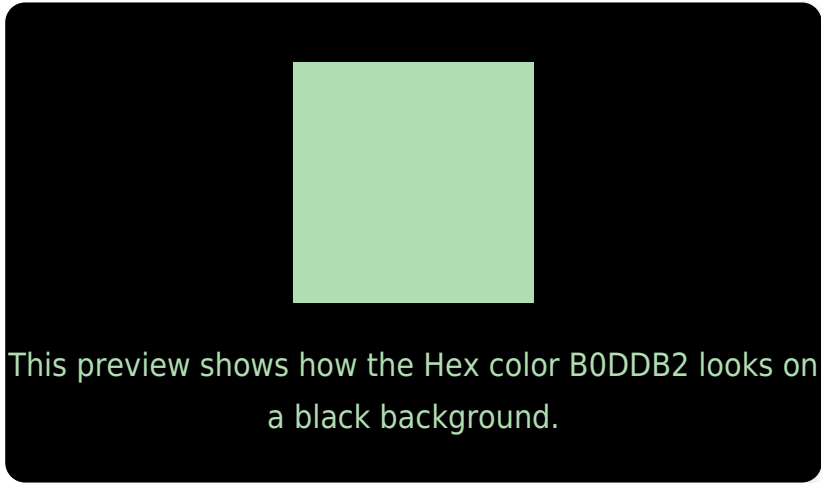
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 B0DDB2 Background



This preview shows how black text looks on a background with the Hex color B0DDB2.

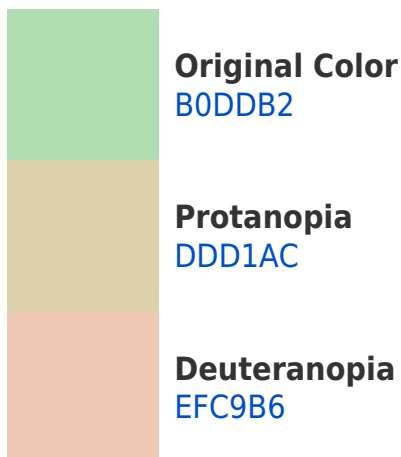


This preview shows how white text looks on a background with the Hex color B0DDB2.

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
B9D6E7

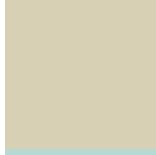
Trichromacy



Original Color
B0DDB2



Protanomaly
CDD5AE



Deuteranomaly
D8D0B5

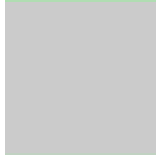


Tritanomaly
B6D9D4

Monochromacy



Original Color
B0DDB2



Achromatopsia
CBCBCB



Achromatomaly
C1D2C2

CSS Examples

Text

The CSS property to change the color of the text to Hex B0DDB2 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 #B0DDB2 looks like.

```
.text, #text, p{  
    color:#B0DDB2  
}
```

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 #B0DDB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0DDB2
}
```

Border

The CSS property to change the border of an element to Hex B0DDB2 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
#B0DDB2 }
```

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

```
.border{ border-color:#B0DDB2 }
```

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

Here you see how a box with a 4 pixel #B0DDB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0DDB2; -webkit-box-shadow:4px 4px  
4px 4px #B0DDB2; box-shadow:4px 4px 4px  
4px #B0DDB2 }
```

Background

The CSS property to change the background color of an element to Hex B0DDB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0DDB2 }
```

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

```
.background{ background-color:#B0DDB2 }
```

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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