

Converting Colors

Hex(B0DDD7)

Have a look what the booklet for
Hex(B0DDD7) contains.

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Color

Hex(B0DDD7)

Conversions

Conversions Part 1

Format	Color
Hex	B0DDD7
RGB	176, 221, 215
RGB Percent	69%, 87%, 84%
CMY	0.3098, 0.1333, 0.1569
CMYK	0.20, 0.00, 0.03, 0.13
HSL	172°, 40%, 78%
HSV	172°, 20%, 87%
XYZ	56.0267, 65.8493, 74.0472
YIQ	206.8610, -24.8940, -11.4060

Conversions

Conversions Part 2

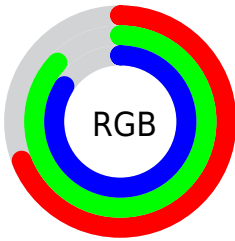
Format	Color
R _Y B	176, 200, 221
Decimal	11591127
CIE Lab	84.92, -15.76, -1.88
CIE LCh	85, 15.876, 186.799
Yxy	65.8493, 0.2860, 0.3361
Android (android.graphics.Color)	4289781207 (0xFFB0DDD7)
YUV	206.8610, 4.0125, -27.0651
Hunter-Lab	81.1476, -18.7666, 2.7011

Details

The Hex color **B0DDD7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DDB0B6**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **E8FFFF**, and **7BA6A0** is the 20% darker color. If you saturate the color by 10%, you get **9ADDD4**, and if you desaturate by 10%, it is **C6DDDA**.

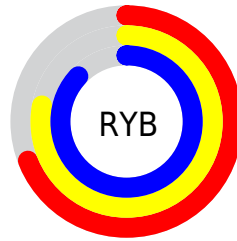
Distribution



Red (69%)

Green (87%)

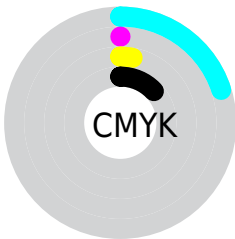
Blue (84%)



Red (69%)

Yellow (78%)

Blue (87%)

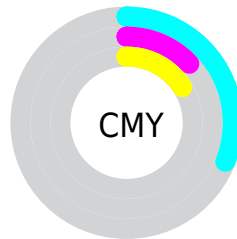


Cyan (20%)

Magenta (0%)

Yellow (3%)

Black (13%)



Cyan (31%)

Magenta (13%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0DDD7 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 B0DDD7 by changing the saturation by 10% instead.

 B0DDD7

 B0DDD7

FFFFFF

 95C1BB

 E8FFFF

 7BA6A0

 618B86

 48726D

 305955

 17423E

 002B28

 001813

 000000

 B0DDD7

 B0DDD7

 9ADDD4

 C6DDDA

 84DDD1

 DCDDDD

 6EDDCE

 F2DDE0

 58DDCB

 FFDDE3

 42DDC8

 FFDDE6

 2BDDC5

 FFDDE9

 15DDC2

 FFDDEC

 00DDC0

 FFDDEF

 FFDDF2

Harmonies

Analogous

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



BBDCC8



B0DDD7



AEDCE5

Triad

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



B0DDD7



DBC FEC



EBCFB9

Complementary

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



B0DDD7



DDB0B6

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.



F3CBC3



B0DDD7



EBCBE0

Square

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



B0DDD7



C8D4F2



F3CAD1



DDD4B6

Rectangle

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



B0DDD7



B3DAED



F3CAD1



EECEBB

Sweetspot

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



B0DDD7



F0FFFD



B6DDB0



77807E



000000



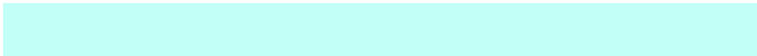
808080

Same Dimension

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



B0DDD7



C2FFF7



B0CDDD



636E6C



00AD96



002E28

Inverse Universe

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



DDB0B6



FFC2CA



DDC1B0



6E6364



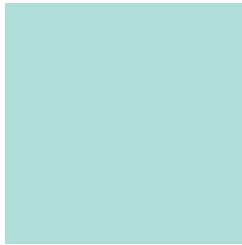
AD0017



2E0006

Previews

White Background



This preview shows how the Hex color B0DDD7 looks on a white background.

Color Contrast Check

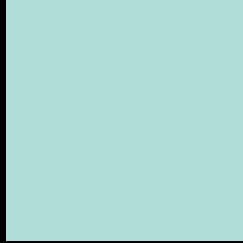
Large Text (above 18pt) WCAG AA × Fail

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 B0DDD7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

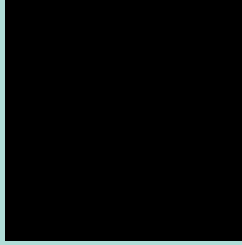
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

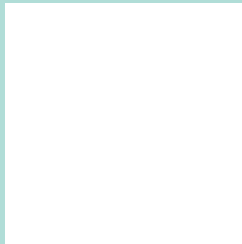
Any Text WCAG AAA ✓ Pass

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

Hex B0DDD7 Background



This preview shows how black text looks on a background with the Hex color B0DDD7.

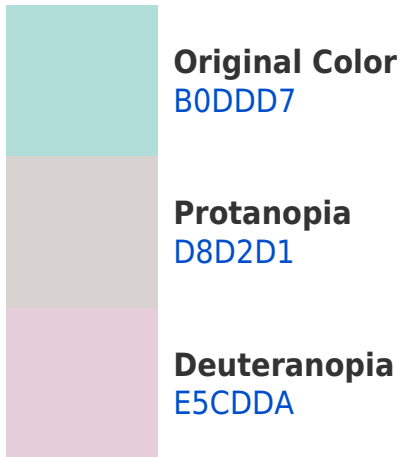


This preview shows how white text looks on a background with the Hex color B0DDD7.

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



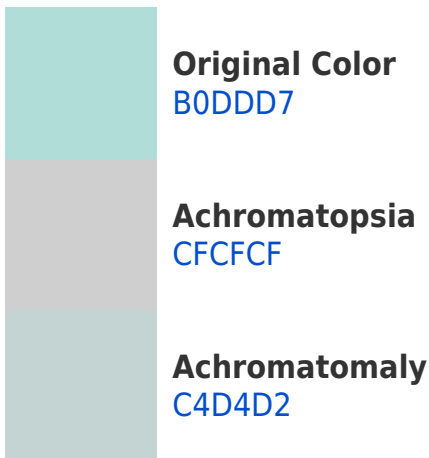


Tritanopia
B4DAEB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0DDD7 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 #B0DDD7 looks like.

```
.text, #text, p{  
    color:#B0DDD7  
}
```

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 #B0DDD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0DDD7
}
```

Border

The CSS property to change the border of an element to Hex B0DDD7 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
#B0DDD7 }
```

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

```
.border{ border-color:#B0DDD7 }
```

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

Here you see how a box with a 4 pixel #B0DDD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0DDD7; -webkit-box-shadow:4px 4px  
4px 4px #B0DDD7; box-shadow:4px 4px 4px  
4px #B0DDD7 }
```

Background

The CSS property to change the background color of an element to Hex B0DDD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0DDD7 }
```

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

```
.background{ background-color:#B0DDD7 }
```

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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