

Converting Colors

Hex(B4DBD3)

Have a look what the booklet for
Hex(B4DBD3) contains.

Hex(B4DBD3)	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(B4DBD3)

Conversions

Conversions Part 1

Format	Color
Hex	B4DBD3
RGB	180, 219, 211
RGB Percent	71%, 86%, 83%
CMY	0.2941, 0.1412, 0.1725
CMYK	0.18, 0.00, 0.04, 0.14
HSL	168°, 35%, 78%
HSV	168°, 18%, 86%
XYZ	55.9118, 65.0695, 71.2408
YIQ	206.4270, -20.6760, -10.7560

Conversions

Conversions Part 2

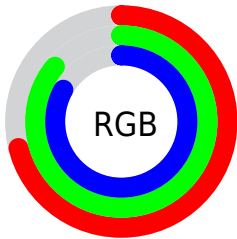
Format	Color
RYB	180, 202, 219
Decimal	11852755
CIELab	84.52, -14.33, -0.32
CIELCh	85, 14.331, 181.273
Yxy	65.0695, 0.2909, 0.3385
Android (android.graphics.Color)	4290042835 (0xFFB4DBD3)
YUV	206.4270, 2.2545, -23.1765
Hunter-Lab	80.6657, -17.4412, 4.1033

Details

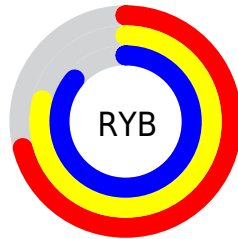
The Hex color **B4DBD3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DBB4BC**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **ECFFFF**, and **7FA49D** is the 20% darker color. If you saturate the color by 10%, you get **9EDBCF**, and if you desaturate by 10%, it is **CADBD7**.

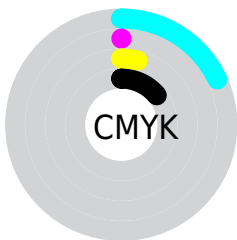
Distribution



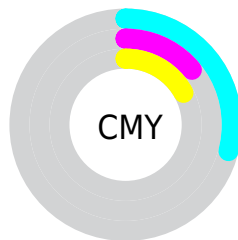
- Red (71%)
- Green (86%)
- Blue (83%)



- Red (71%)
- Yellow (79%)
- Blue (86%)



- Cyan (18%)
- Magenta (0%)
- Yellow (4%)
- Black (14%)



- Cyan (29%)
- Magenta (14%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4DBD3 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 B4DBD3 by changing the saturation by 10% instead.

 B4DBD3

FFFFFF

 ECFFFF

 B4DBD3

 99BFB7

 7FA49D

 658A82

 4C7069

 355851

 1D403A

 052A25

 001710

 000000

 B4DBD3

 B4DBD3

 9EDBCF

 CADBD7

 88DBCA

 E0DBDC

 72DBC6

 F6DBE0

 5CDBC1

 FFDBE5

 47DBBD

 FFDBE9

 31DBB8

 FFDBEE

 1BDBB4

 FFDBF2

 05DBAF

 FFDBF7

 00DBAE

 FFDBFB

Harmonies

Analogous

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



BFDAC6



B4DBD3



B1DAE0

Triad

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



B4DBD3



D6CFEA



EACEBC

Complementary

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



B4DBD3



DBB4BC

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.



F0CBC5



B4DBD3



E5CCE0

Square

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



B4DBD3



C5D4EE



EECAD3



DED2B8

Rectangle

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



B4DBD3



B4D9E7



EECAD3



ECCDBE

Sweetspot

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



B4DBD3



F2FFFC



BCDDB4



78807E



000000



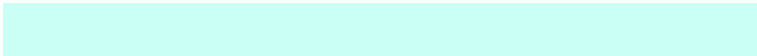
808080

Same Dimension

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



B4DBD3



C9FFF4



B4D0DB



636E6B



00AD8A



002E24

Inverse Universe

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



DBB4BC



FFC9D4



DBBFB4



6E6365



AD0024



2E0009

Previews

White Background



This preview shows how the Hex color B4DBD3 looks on a white background.

Color Contrast Check

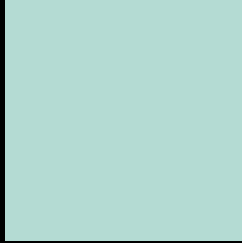
Large Text (above 18pt) WCAG AA × Fail

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 B4DBD3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

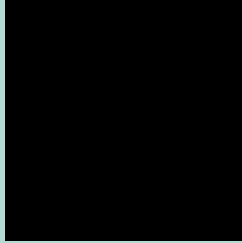
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

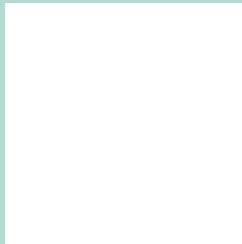
Any Text WCAG AAA ✓ Pass

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

Hex B4DBD3 Background



This preview shows how black text looks on a background with the Hex color B4DBD3.

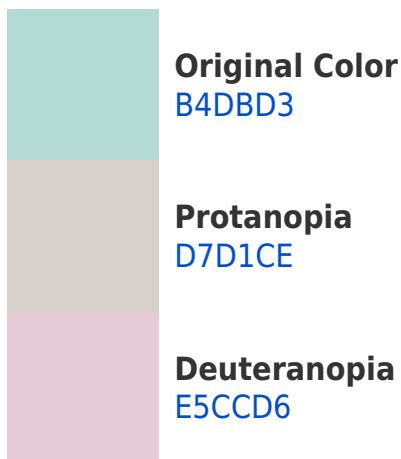


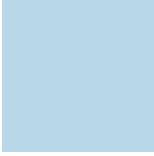
This preview shows how white text looks on a background with the Hex color B4DBD3.

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](#).

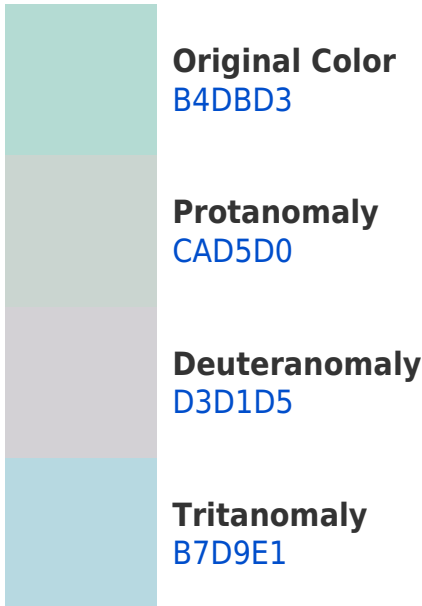
Dichromacy



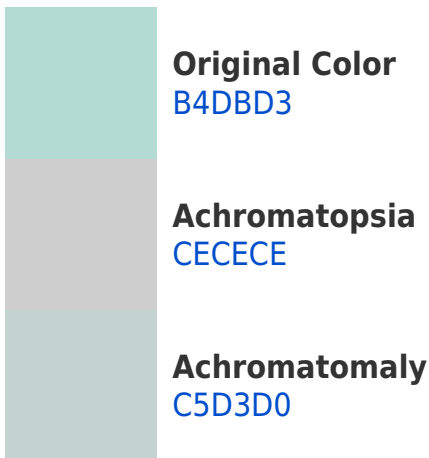


Tritanopia
B8D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4DBD3 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 #B4DBD3 looks like.

```
.text, #text, p{  
    color:#B4DBD3  
}
```

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 #B4DBD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4DBD3
}
```

Border

The CSS property to change the border of an element to Hex B4DBD3 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
#B4DBD3 }
```

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

```
.border{ border-color:#B4DBD3 }
```

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

Here you see how a box with a 4 pixel #B4DBD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4DBD3; -webkit-box-shadow:4px 4px  
4px 4px #B4DBD3; box-shadow:4px 4px 4px  
4px #B4DBD3 }
```

Background

The CSS property to change the background color of an element to Hex B4DBD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4DBD3 }
```

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

```
.background{ background-color:#B4DBD3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor