

Converting Colors

Hex(B4DBD2)

Have a look what the booklet for
Hex(B4DBD2) contains.

Hex(B4DBD2)	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(B4DBD2)

Conversions

Conversions Part 1

Format	Color
Hex	B4DBD2
RGB	180, 219, 210
RGB Percent	71%, 86%, 82%
CMY	0.2941, 0.1412, 0.1765
CMYK	0.18, 0.00, 0.04, 0.14
HSL	166°, 35%, 78%
HSV	166°, 18%, 86%
XYZ	55.7868, 65.0195, 70.5825
YIQ	206.3130, -20.3550, -11.0670

Conversions

Conversions Part 2

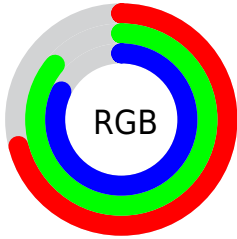
Format	Color
RYB	180, 202, 219
Decimal	11852754
CIELab	84.49, -14.53, 0.17
CIELCh	84, 14.530, 179.315
Yxy	65.0195, 0.2915, 0.3397
Android (android.graphics.Color)	4290042834 (0xFFB4DBD2)
YUV	206.3130, 1.8177, -23.0765
Hunter-Lab	80.6347, -17.6161, 4.5455

Details

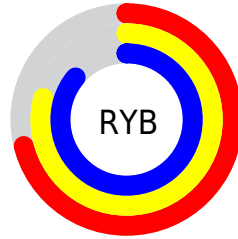
The Hex color **B4DBD2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DBB4BD**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **ECFFFF**, and **7FA49C** is the 20% darker color. If you saturate the color by 10%, you get **9EDBCD**, and if you desaturate by 10%, it is **CADBD7**.

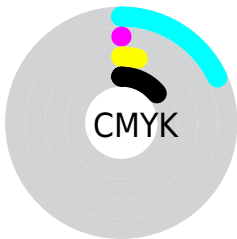
Distribution



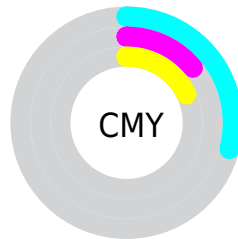
- Red (71%)
- Green (86%)
- Blue (82%)



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



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



- Cyan (29%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4DBD2 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 B4DBD2 by changing the saturation by 10% instead.

 B4DBD2

FFFFFF

 ECFFFF

 B4DBD2

 99BFB6

 7FA49C

 658A82

 4C7068

 355850

 1E403A

 062A24

 00170F

 000000

 B4DBD2

 B4DBD2

 9EDBCD

 CADBD7

 88DBC8

 E0DBDC

 72DBC3

 F6DBE1

 5CDBBE

 FFDBE6

 47DBB9

 FFDBEB

 31DBB4

 FFDBF0

 1BDBAF

 FFDBF5

 05DBAA

 FFDBFA

 00DBA8

 FFDBFF

Harmonies

Analogous

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



C0D9C5



B4DBD2



B0DBE0

Triad

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



B4DBD2



D5CFEB



EACDBC

Complementary

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



B4DBD2



DBB4BD

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.



F0CAC6



B4DBD2



E5CCE1

Square

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



B4DBD2



C4D4EE



EECAD4



DED2B8

Rectangle

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



B4DBD2



B3D9E7



EECAD4



EDCCBF

Sweetspot

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



B4DBD2



F2FFFC



BDDBB4



78807E



000000



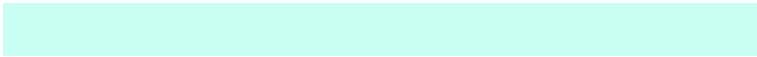
808080

Same Dimension

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



B4DBD2



C9FFF3



B4D1DB



636E6B



00AD85



002E23

Inverse Universe

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



DBB4BD



FFC9D6



DBBEB4



6E6365



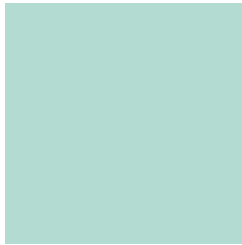
AD0028



2E000B

Previews

White Background



This preview shows how the Hex color B4DBD2 looks on a white background.

Color Contrast Check

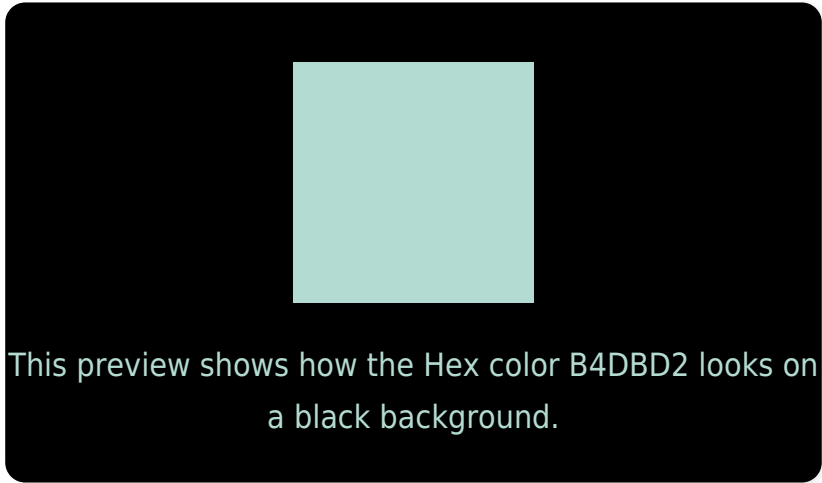
Large Text (above 18pt) WCAG AA × Fail

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

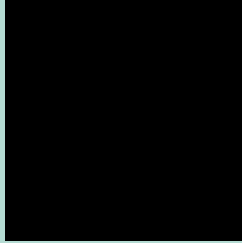
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

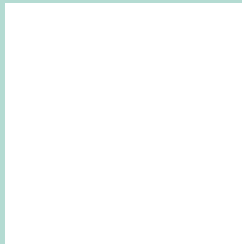
Any Text WCAG AAA ✓ Pass

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

Hex B4DBD2 Background



This preview shows how black text looks on a background with the Hex color B4DBD2.

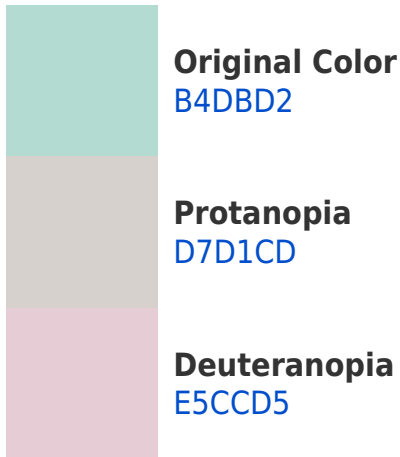


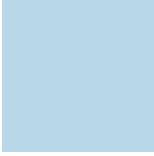
This preview shows how white text looks on a background with the Hex color B4DBD2.

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](#).

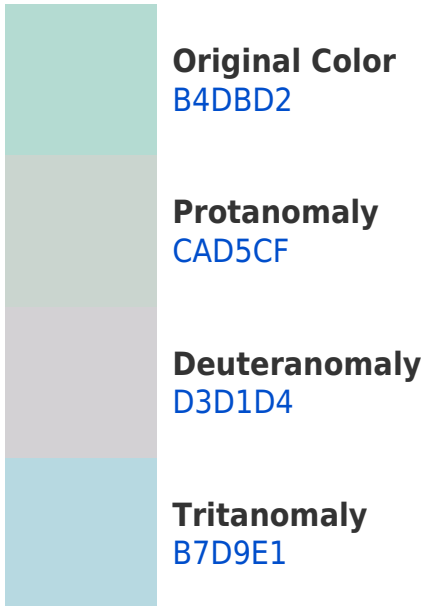
Dichromacy



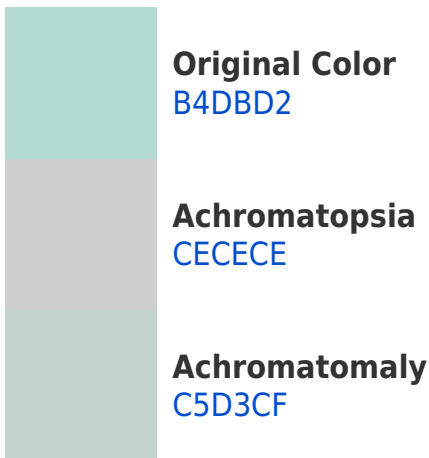


Tritanopia
B8D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4DBD2 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 #B4DBD2 looks like.

```
.text, #text, p{  
    color:#B4DBD2  
}
```

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 #B4DBD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4DBD2
}
```

Border

The CSS property to change the border of an element to Hex B4DBD2 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
#B4DBD2 }
```

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

```
.border{ border-color:#B4DBD2 }
```

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

Here you see how a box with a 4 pixel #B4DBD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4DBD2; -webkit-box-shadow:4px 4px  
4px 4px #B4DBD2; box-shadow:4px 4px 4px  
4px #B4DBD2 }
```

Background

The CSS property to change the background color of an element to Hex B4DBD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4DBD2 }
```

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

```
.background{ background-color:#B4DBD2 }
```

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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