

# Converting Colors

Hex(B4DBD8)

Have a look what the booklet for  
Hex(B4DBD8) contains.

<b>Hex(B4DBD8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B4DBD8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4DBD8
RGB	180, 219, 216
RGB Percent	71%, 86%, 85%
CMY	0.2941, 0.1412, 0.1529
CMYK	0.18, 0.00, 0.01, 0.14
HSL	175°, 35%, 78%
HSV	175°, 18%, 86%
XYZ	56.5486, 65.3242, 74.5942
YIQ	206.9970, -22.2810, -9.2010

# Conversions

## Conversions Part 2

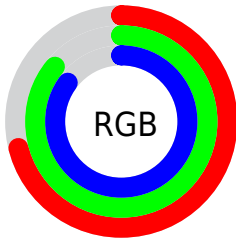
Format	Color
<a href="#">RYB</a>	<a href="#">180, 200, 219</a>
Decimal	<a href="#">11852760</a>
CIELab	<a href="#">84.65, -13.31, -2.78</a>
CIELCh	<a href="#">85, 13.594, 191.779</a>
Yxy	<a href="#">65.3242, 0.2878, 0.3325</a>
Android (android.graphics.Color)	<a href="#">4290042840 (0xFFB4DBD8)</a>
YUV	<a href="#">206.9970, 4.4385, -23.6764</a>
Hunter-Lab	<a href="#">80.8234, -16.5523, 1.8560</a>

# Details

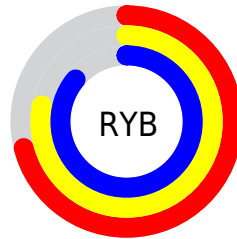
The Hex color **B4DBD8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DBB4B7**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **ECFFFF**, and **7FA4A1** is the 20% darker color. If you saturate the color by 10%, you get **9EDBD6**, and if you desaturate by 10%, it is **CADBDA**.

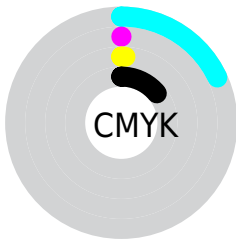
# Distribution



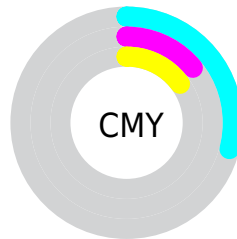
- Red (71%)
- Green (86%)
- Blue (85%)



- Red (71%)
- Yellow (78%)
- Blue (86%)



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)



- Cyan (29%)
- Magenta (14%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4DBD8 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 B4DBD8 by changing the saturation by 10% instead.



 B4DBD8

 B4DBD8

FFFFFF

 99BFBC

 ECFFFF

 7FA4A1

 658A87

 4C706E

 345855

 1D403E

 042A29

 001714

 000000

 B4DBD8

 B4DBD8

 9EDBD6

 CADBDA

 88DBD5

 E0DBDB

 72DBD3

 F6DBDD

 5CDBD1

 FFDBDF

 47DBD0

 FFDBE0

 31DBCE

 FFDBE2

 1BDBCC

 FFDBE4

 05DBC B

 FFDBE5

 00DBCA

 FFDBE7

# Harmonies

## Analogous

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



BCDACB



B4DBD8



B4DAE4

# Triad

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



B4DBD8



DCCEE6



E5D0BB

# Complementary

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



B4DBD8



DBB4B7

# 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.



EDCCC3



B4DBD8



E9CBDC

# Square

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



B4DBD8



CCD3EC



EFCBCF



D9D4BA

# Rectangle

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



B4DBD8



B9D8E9



EFCBCF



E9CEBD

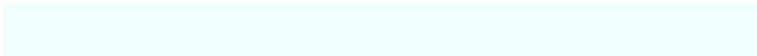


# Sweetspot

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



B4DBD8



F2FFFE



B7DBB4



78807F



000000



808080

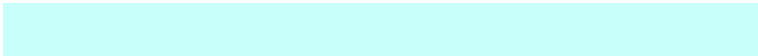


# Same Dimension

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



B4DBD8



C9FFFB



B4CBDB



636E6D



00ADA0



002E2A



# Inverse Universe

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



DBB4B7



FFC9CE



DBC4B4



6E6364



AD000D

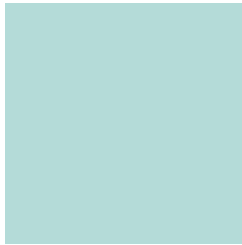


2E0004



# Previews

## White Background



This preview shows how the Hex color B4DBD8 looks on a white background.

## Color Contrast Check

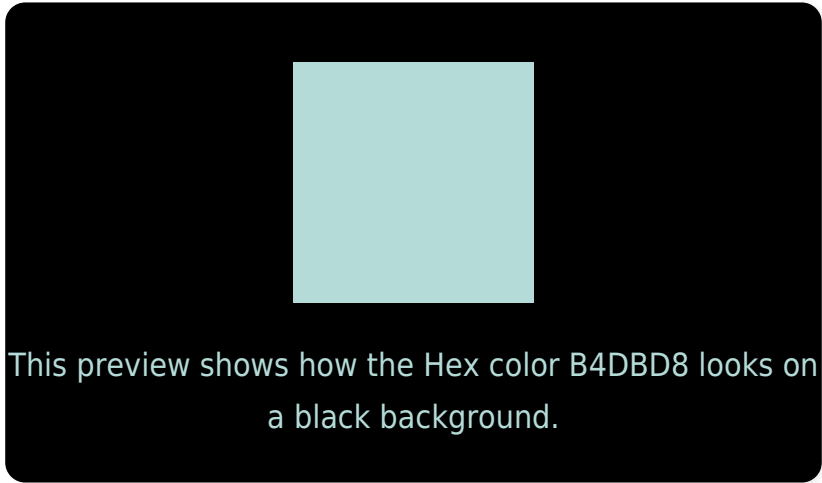
Large Text (above 18pt) WCAG AA × Fail

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

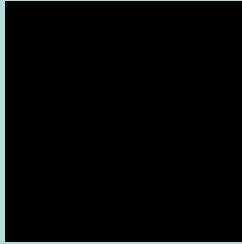
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B4DBD8 Background



This preview shows how black text looks on a background with the Hex color B4DBD8.

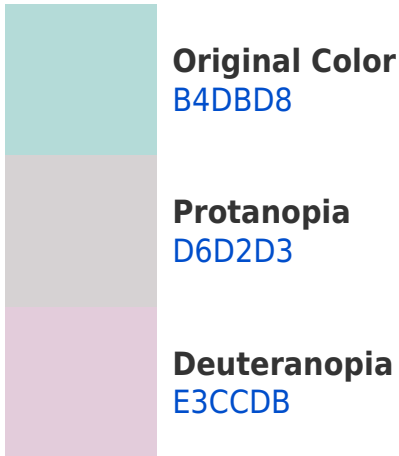


This preview shows how white text looks on a background with the Hex color B4DBD8.

# 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](#).

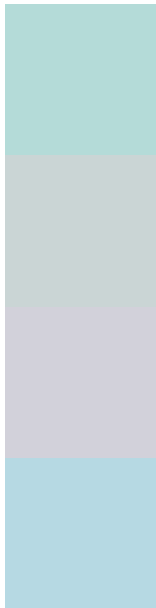
## Dichromacy





**Tritanopia**  
B7D8EA

# Trichromacy



**Original Color**  
B4DBD8

**Protanomaly**  
CAD5D5

**Deuteranomaly**  
D2D1DA

**Tritanomaly**  
B6D9E3

# Monochromacy



**Original Color**  
B4DBD8

**Achromatopsia**  
CFCFCF

**Achromatomaly**  
C5D3D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4DBD8 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 #B4DBD8 looks like.

```
.text, #text, p{  
    color:#B4DBD8  
}
```

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 #B4DBD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4DBD8
}
```

## Border

The CSS property to change the border of an element to Hex B4DBD8 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
#B4DBD8 }
```

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

```
.border{ border-color:#B4DBD8 }
```

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

Here you see how a box with a 4 pixel #B4DBD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4DBD8; -webkit-box-shadow:4px 4px  
4px 4px #B4DBD8; box-shadow:4px 4px 4px  
4px #B4DBD8 }
```

# Background

The CSS property to change the background color of an element to Hex B4DBD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4DBD8 }
```

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

```
.background{ background-color:#B4DBD8 }
```

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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