

# Converting Colors

Hex(B4D8BF)

Have a look what the booklet for  
Hex(B4D8BF) contains.

<b>Hex(B4D8BF)</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(B4D8BF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4D8BF
RGB	180, 216, 191
RGB Percent	71%, 85%, 75%
CMY	0.2941, 0.1529, 0.2510
CMYK	0.17, 0.00, 0.12, 0.15
HSL	138°, 32%, 78%
HSV	138°, 17%, 85%
XYZ	52.7822, 62.5766, 58.5868
YIQ	202.3860, -13.4310, -15.4070

# Conversions

## Conversions Part 2

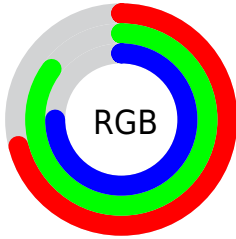
Format	Color
<a href="#">RYB</a>	<a href="#">180, 208, 216</a>
Decimal	<a href="#">11851967</a>
CIELab	<a href="#">83.22, -16.69, 8.40</a>
CIELCh	<a href="#">83, 18.683, 153.293</a>
Yxy	<a href="#">62.5766, 0.3034, 0.3597</a>
Android (android.graphics.Color)	<a href="#">4290042047 (0xFFB4D8BF)</a>
YUV	<a href="#">202.3860, -5.6133, -19.6325</a>
Hunter-Lab	<a href="#">79.1054, -19.3322, 11.4626</a>

# Details

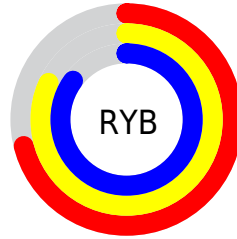
The Hex color **B4D8BF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D8B4CD**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **ECFFF7**, and **7FA18A** is the 20% darker color. If you saturate the color by 10%, you get **9ED8B0**, and if you desaturate by 10%, it is **CAD8CE**.

# Distribution



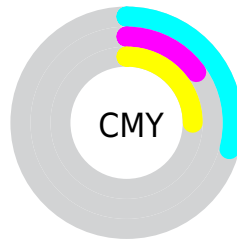
- Red (71%)
- Green (85%)
- Blue (75%)



- Red (71%)
- Yellow (82%)
- Blue (85%)



- Cyan (17%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)



- Cyan (29%)
- Magenta (15%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4D8BF 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 B4D8BF by changing the saturation by 10% instead.



 B4D8BF

FFFFFF

 ECFF7

 B4D8BF

 99BCA4

 7FA18A

 658770

 4D6D58

 365540

 1F3E2A

 082816

 001300

 000000

 B4D8BF

 B4D8BF

 9ED8B0

 CAD8CE

 89D8A1

 DFD8DD

 73D892

 F5D8EC

 5ED883

 FFD8FB

 48D874

 FFD8FF

 32D865

 1DD856

 07D847

 00D842

# Harmonies

## Analogous

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



C8D4B2



B4D8BF



A5DAD1

# Triad

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



B4D8BF



BED0F2



F4C5BD

# Complementary

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



B4D8BF



D8B4CD

# 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.



F3C3CE



B4D8BF



D5CAED

# Square

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



B4D8BF



ABD5EE



E8C5DF



EBC9B0

# Rectangle

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



B4D8BF



A1D9DC



E8C5DF



F5C4C2

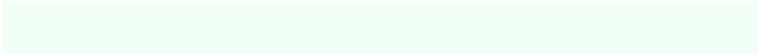


# Sweetspot

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



B4D8BF



F2FFF6



CDD8B4



78807A



000000



808080

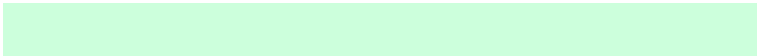


# Same Dimension

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



B4D8BF



CCFFDC



B4D8D1



606B64



00AB34



002B0D



# Inverse Universe

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



D8B4CD



FFCCEF



D8B4BB



6B6068



AB0077



2B001E



# Previews

## White Background



This preview shows how the Hex color B4D8BF looks on a white background.

## Color Contrast Check

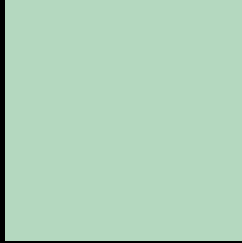
Large Text (above 18pt) WCAG AA × Fail

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 B4D8BF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

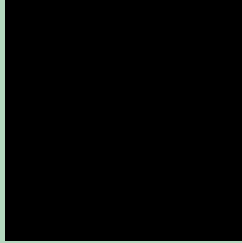
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

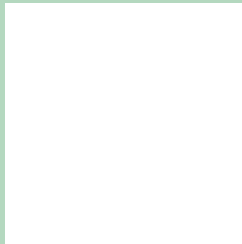
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B4D8BF Background



This preview shows how black text looks on a background with the Hex color B4D8BF.

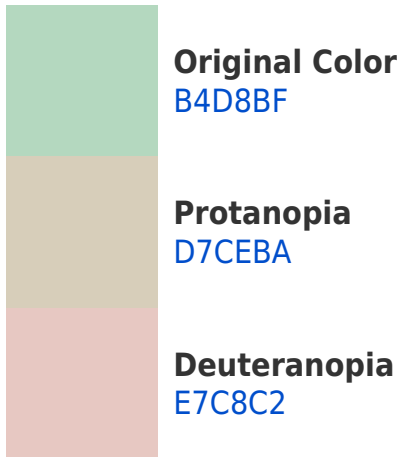


This preview shows how white text looks on a background with the Hex color B4D8BF.

# 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](#).

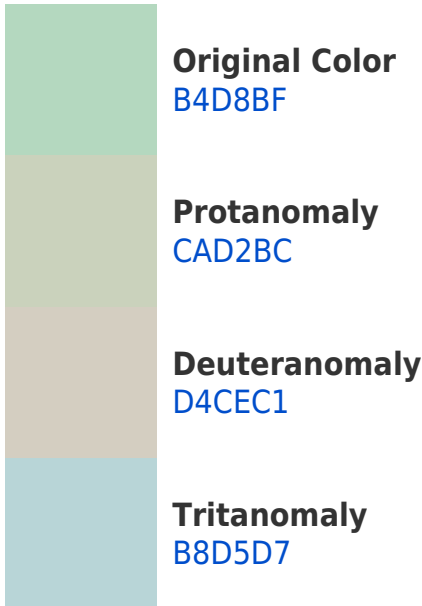
## Dichromacy



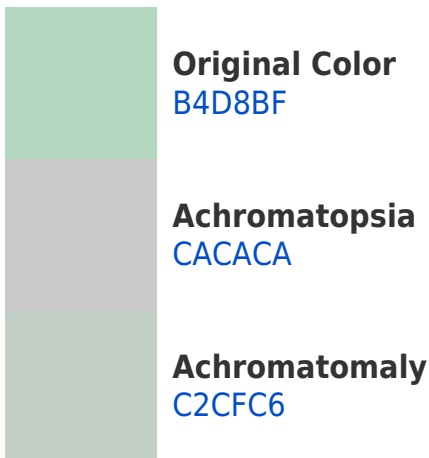


**Tritanopia**  
BAD3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4D8BF 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 #B4D8BF looks like.

```
.text, #text, p{  
    color:#B4D8BF  
}
```

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 #B4D8BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4D8BF
}
```

## Border

The CSS property to change the border of an element to Hex B4D8BF 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
#B4D8BF }
```

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

```
.border{ border-color:#B4D8BF }
```

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

Here you see how a box with a 4 pixel #B4D8BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4D8BF; -webkit-box-shadow:4px 4px  
4px 4px #B4D8BF; box-shadow:4px 4px 4px  
4px #B4D8BF }
```

# Background

The CSS property to change the background color of an element to Hex B4D8BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4D8BF }
```

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

```
.background{ background-color:#B4D8BF }
```

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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