

# Converting Colors

Hex(B4BDB3)

Have a look what the booklet for  
Hex(B4BDB3) contains.

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# **Color**

**Hex(B4BDB3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4BDB3
RGB	180, 189, 179
RGB Percent	71%, 74%, 70%
CMY	0.2941, 0.2588, 0.2980
CMYK	0.05, 0.00, 0.05, 0.26
HSL	114°, 7%, 72%
HSV	114°, 5%, 74%
XYZ	45.1567, 49.3532, 49.7939
YIQ	185.1690, -2.1540, -5.0180

# Conversions

## Conversions Part 2

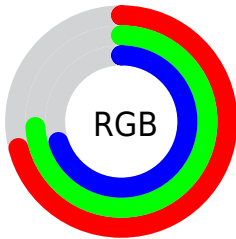
Format	Color
<a href="#">RYB</a>	<a href="#">179, 189, 188</a>
Decimal	<a href="#">11845043</a>
CIELab	<a href="#">75.67, -4.98, 3.96</a>
CIELCh	<a href="#">76, 6.367, 141.487</a>
Yxy	<a href="#">49.3532, 0.3129, 0.3420</a>
Android (android.graphics.Color)	<a href="#">4290035123</a> ( <a href="#">0xFFB4BDB3</a> )
YUV	<a href="#">185.1690, -3.0413, -4.5332</a>
Hunter-Lab	<a href="#">70.2518, -8.2039, 7.1520</a>

# Details

The Hex color **B4BDB3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **BCB3BD**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **ECF5EB**, and **7F887E** is the 20% darker color. If you saturate the color by 10%, you get **A3BDA0**, and if you desaturate by 10%, it is **C5BDC6**.

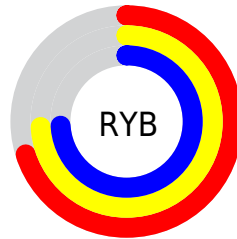
# Distribution



Red (71%)

Green (74%)

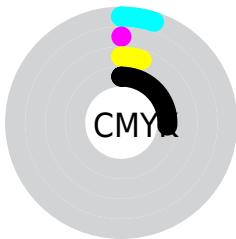
Blue (70%)



Red (70%)

Yellow (74%)

Blue (74%)

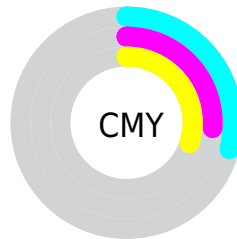


Cyan (5%)

Magenta (0%)

Yellow (5%)

Black (26%)



Cyan (29%)

Magenta (26%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4BDB3 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 B4BDB3 by changing the saturation by 10% instead.



 B4BDB3

 B4BDB3

FFFFFF

 99A298

 ECF5EB

 7F887E

 666E65

 4E564D

 373F37

 222921

 0C150B

 000000

 B4BDB3

 B4BDB3

 A3BDA0

 C5BDC6

 92BD8D

 D6BDD9

 81BD7A

 E7BDEC

 70BD67

 F8BDFF

 5FB D54

 FFB DFF

 4EBD42

 3DBD2F

 2CBD1C

 1BBD09

# Harmonies

## Analogous

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



B8B880



B4BDB3



AFBEB8

# Triad

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



B4BDB3



B3BBC6



C8B7B6

# Complementary

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



B4BDB3



BCB3BD

# 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.



C6B7BC



B4BDB3



BAB9C5

# Square

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



B4BDB3



AEBCD3



C1B8C2



C6B8B1

# Rectangle

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



B4DBB3



ADBEBD



C1B8C2



C7B7B8



# Sweetspot

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



B4BDB3



F0F5F0



BDBC B3



787A78



FAFAFA



7A7A7A

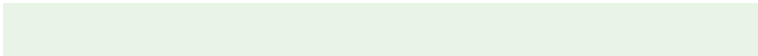


# Same Dimension

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



B4BDB3



E8F5E6



B3BDB7



585E58



109E00



031F00



# Inverse Universe

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



BCB3BD



F3E6F5



BDB3B9



5E585E



8E009E

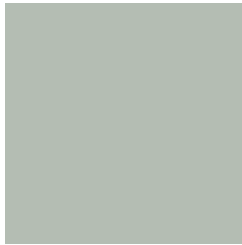


1C001F



# Previews

## White Background



This preview shows how the Hex color B4BDB3 looks on a white background.

## Color Contrast Check

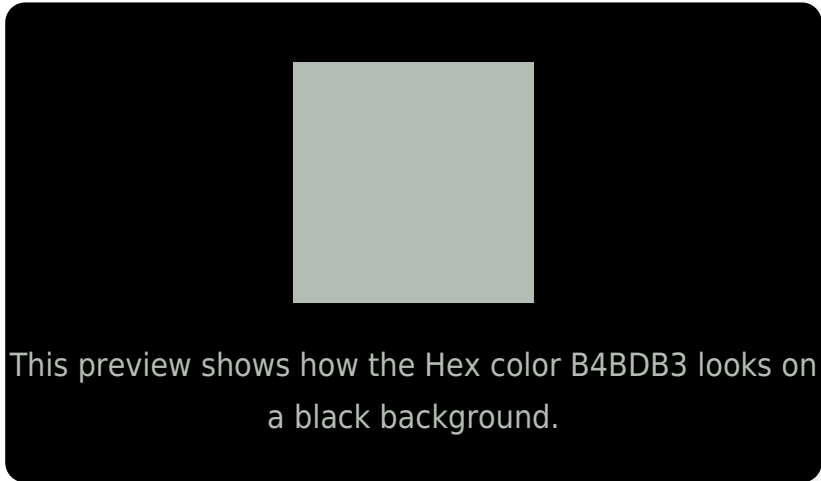
Large Text (above 18pt) WCAG AA × Fail

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

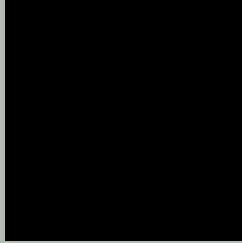
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

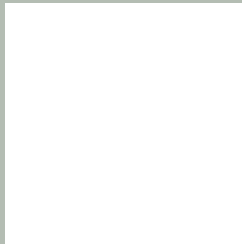
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B4BDB3 Background



This preview shows how black text looks on a background with the Hex color B4BDB3.



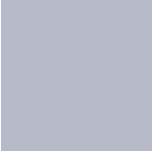
This preview shows how white text looks on a background with the Hex color B4BDB3.

# 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](#).

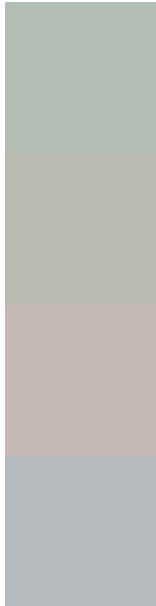
## Dichromacy





**Tritanopia**  
B7BAC8

# Trichromacy



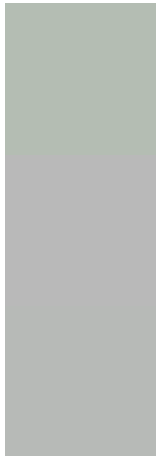
**Original Color**  
B4BDB3

**Protanomaly**  
BCBBB2

**Deuteranomaly**  
C5B7B4

**Tritanomaly**  
B6BBC0

# Monochromacy



**Original Color**  
B4BDB3

**Achromatopsia**  
B9B9B9

**Achromatomaly**  
B7BAB7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4BDB3 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 #B4BDB3 looks like.

```
.text, #text, p{  
    color:#B4BDB3  
}
```

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 #B4BDB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4BDB3
}
```

## Border

The CSS property to change the border of an element to Hex B4BDB3 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
#B4BDB3 }
```

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

```
.border{ border-color:#B4BDB3 }
```

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

Here you see how a box with a 4 pixel #B4BDB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4BDB3; -webkit-box-shadow:4px 4px  
4px 4px #B4BDB3; box-shadow:4px 4px 4px  
4px #B4BDB3 }
```

# Background

The CSS property to change the background color of an element to Hex B4BDB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4BDB3 }
```

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

```
.background{ background-color:#B4BDB3 }
```

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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