

# Converting Colors

Hex(B4BDA9)

Have a look what the booklet for  
Hex(B4BDA9) contains.

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# **Color**

**Hex(B4BDA9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4BDA9
RGB	180, 189, 169
RGB Percent	71%, 74%, 66%
CMY	0.2941, 0.2588, 0.3373
CMYK	0.05, 0.00, 0.11, 0.26
HSL	87°, 13%, 70%
HSV	87°, 11%, 74%
XYZ	44.1814, 48.9631, 44.6583
YIQ	184.0290, 1.0560, -8.1280

# Conversions

## Conversions Part 2

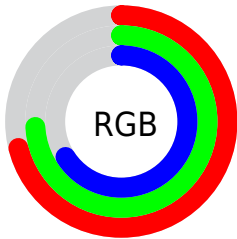
<b>Format</b>	<b>Color</b>
<b>RYB</b>	169, 189, 178
Decimal	11845033
CIELab	75.43, -6.77, 9.04
CIELCh	75, 11.291, 126.825
Yxy	48.9631, 0.3206, 0.3553
Android (android.graphics.Color)	4290035113 (0xFFB4BDA9)
YUV	184.0290, -7.4093, -3.5334
Hunter-Lab	69.9736, -9.7487, 11.1417

# Details

The Hex color **B4BDA9** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B2A9BD**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **ECF5E0**, and **7F8875** is the 20% darker color. If you saturate the color by 10%, you get **ABBD96**, and if you desaturate by 10%, it is **BDBDBC**.

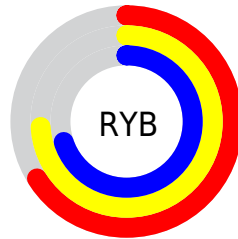
# Distribution



Red (71%)

Green (74%)

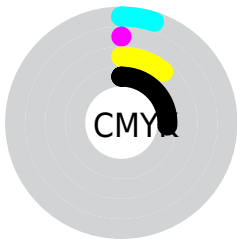
Blue (66%)



Red (66%)

Yellow (74%)

Blue (70%)

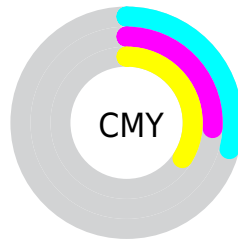


Cyan (5%)

Magenta (0%)

Yellow (11%)

Black (26%)



Cyan (29%)

Magenta (26%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4BDA9 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 B4BDA9 by changing the saturation by 10% instead.



 B4BDA9

 B4BDA9

FFFFFF

 99A28F

 ECF5E0

 7F8875

FFFFFFD

 666E5C

 4E5645

 373F2E

 22291A

 0C1500

 000000

 B4BDA9

 B4BDA9

 ABBD96

 BDBDBC

 A3BD83

 C5BDCF

 9ABD70

 CEBDE2

 92BD5D

 D6BDF5

 89BD4A

 DFBDF5

 81BD38

 E7BDF5

 78BD25

 F0BDF5

 70BD12

 F8BDF5

 68BD00

 FFBDF5

# Harmonies

## Analogous

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



C0BAA5



B4BDA9



A9FBF1

# Triad

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



B4BDA9



A6BDCD



D0B3B8

# Complementary

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



B4BDA9



B2A9BD

# 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.



CAB4C2



B4BDA9



B2BACE

# Square

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



B4BDA9



A0BFC6



BFB6CA



D0B4AE

# Rectangle

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



B4BDA9



A3C0B8



BFB6CA



CEB3BB



# Sweetspot

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



B4BDA9



F1F5ED



BDB2A9



787A76



FAFAFA



7A7A7A

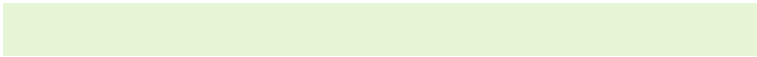


# Same Dimension

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



B4BDA9



E6F5D5



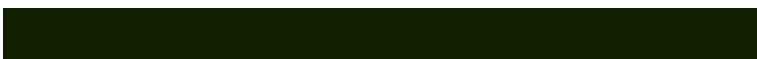
AABDA9



5A5E55



579E00



111F00



# Inverse Universe

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



B2A9BD



E3D5F5



BCA9BD



59555E



47009E



0E001F



# Previews

## White Background



This preview shows how the Hex color B4BDA9 looks on a white background.

## Color Contrast Check

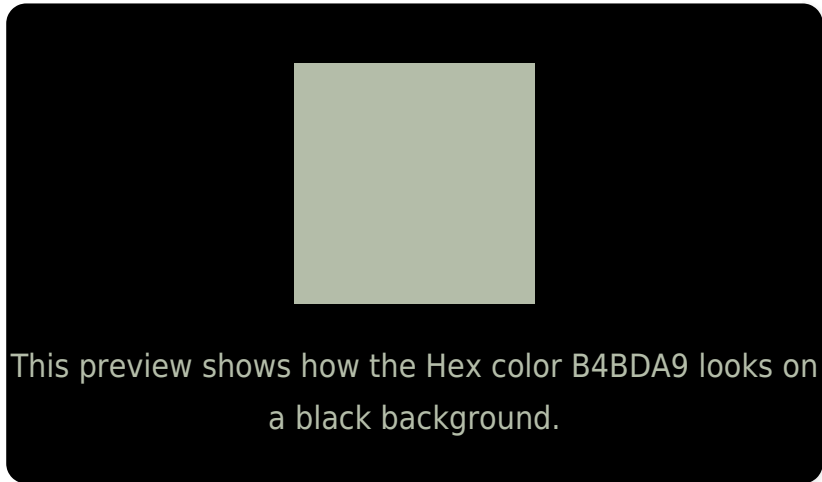
Large Text (above 18pt) WCAG AA × Fail

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

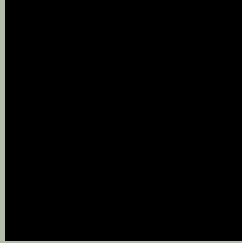
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

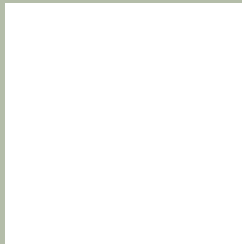
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B4BDA9 Background



This preview shows how black text looks on a background with the Hex color B4BDA9.

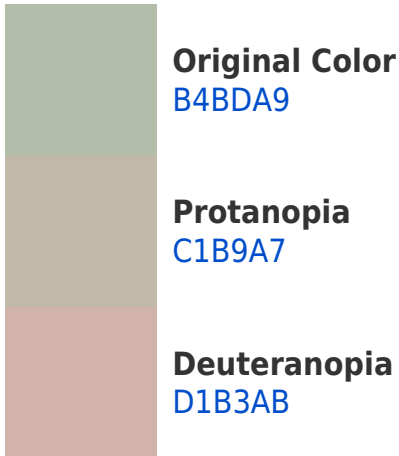


This preview shows how white text looks on a background with the Hex color B4BDA9.

# 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](#).

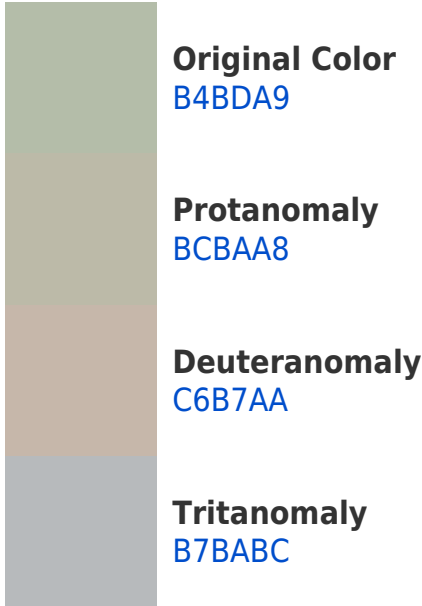
## Dichromacy



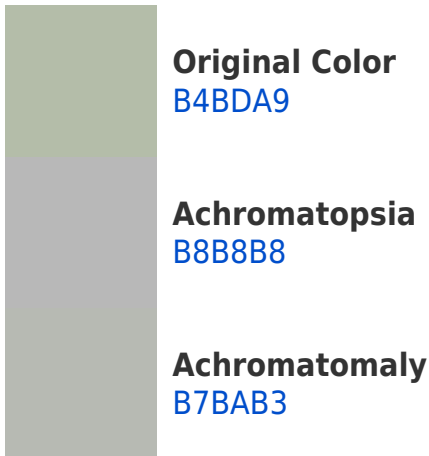


**Tritanopia**  
B9B9C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4BDA9 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 #B4BDA9 looks like.

```
.text, #text, p{  
    color:#B4BDA9  
}
```

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 #B4BDA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4BDA9
}
```

## Border

The CSS property to change the border of an element to Hex B4BDA9 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
#B4BDA9 }
```

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

```
.border{ border-color:#B4BDA9 }
```

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

Here you see how a box with a 4 pixel #B4BDA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4BDA9; -webkit-box-shadow:4px 4px  
4px 4px #B4BDA9; box-shadow:4px 4px 4px  
4px #B4BDA9 }
```

# Background

The CSS property to change the background color of an element to Hex B4BDA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4BDA9 }
```

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

```
.background{ background-color:#B4BDA9 }
```

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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