

# Converting Colors

Hex(BBD8AE)

Have a look what the booklet for  
Hex(BBD8AE) contains.

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# Color

**Hex(BBD8AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBD8AE
RGB	187, 216, 174
RGB Percent	73%, 85%, 68%
CMY	0.2667, 0.1529, 0.3176
CMYK	0.13, 0.00, 0.19, 0.15
HSL	101°, 35%, 76%
HSV	101°, 19%, 85%
XYZ	52.6894, 62.7325, 49.3760
YIQ	202.5410, -3.8020, -19.2100

# Conversions

## Conversions Part 2

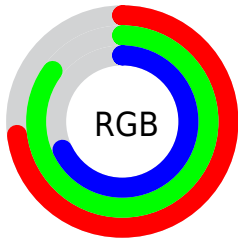
Format	Color
<a href="#">RYB</a>	<a href="#">174, 216, 203</a>
Decimal	<a href="#">12310702</a>
CIELab	<a href="#">83.30, -17.29, 17.55</a>
CIElCh	<a href="#">83, 24.636, 134.559</a>
Yxy	<a href="#">62.7325, 0.3197, 0.3807</a>
Android (android.graphics.Color)	<a href="#">4290500782 (0xFFBBD8AE)</a>
YUV	<a href="#">202.5410, -14.0707, -13.6295</a>
Hunter-Lab	<a href="#">79.2039, -19.8619, 18.4811</a>

# Details

The Hex color **BBD8AE** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CBAED8**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **F3FFE6**, and **85A179** is the 20% darker color. If you saturate the color by 10%, you get **ACD898**, and if you desaturate by 10%, it is **CAD8C4**.

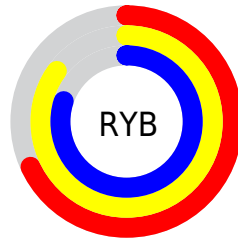
# Distribution



Red (73%)

Green (85%)

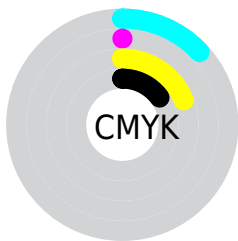
Blue (68%)



Red (68%)

Yellow (85%)

Blue (80%)

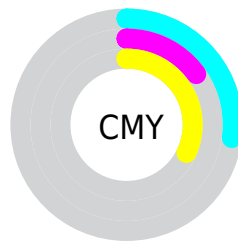


Cyan (13%)

Magenta (0%)

Yellow (19%)

Black (15%)



Cyan (27%)

Magenta (15%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBD8AE 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 BBD8AE by changing the saturation by 10% instead.



 BBD8AE

FFFFFF

 F3FFE6

 BBD8AE

 A0BC93

 85A179

 6C8761

 536D49

 3C5532

 253E1C

 102804

 001400

 000000

 BBD8AE

 BBD8AE

 ACD898

 CAD8C4

 9DD883

 D9D8D9

 8ED86D

 E8D8EF

 7FD858

 F7D8FF

 70D842

 FFD8FF

 62D82C

 53D817

 44D801

 43D800

# Harmonies

## Analogous

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



D5D2A3



BBD8AE



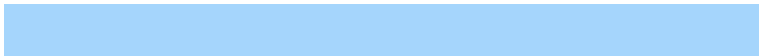
A2DCC2

# Triad

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



BBD8AE



A5D5FC



FFBFC5

# Complementary

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



BBD8AE



CBAED8

# 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.



F7C0DC



BBD8AE



C4CEFC

# Square

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



BBD8AE



92DBEF



E1C6F1



FBC3B0

# Rectangle

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



BBD8AE



95DDD2



E1C6F1



FEBFCD



# Sweetspot

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



BBD8AE



F4FFF0



D8CBAE



798077



000000



808080

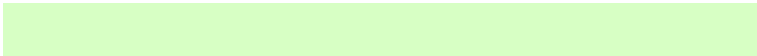


# Same Dimension

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



BBD8AE



D7FFC4



AED8B6



646B60



35AB00



0D2B00



# Inverse Universe

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



CBAED8



EDC4FF



D8AED0



68606B



7600AB



1E002B



# Previews

## White Background



This preview shows how the Hex color BBD8AE looks on a white background.

## Color Contrast Check

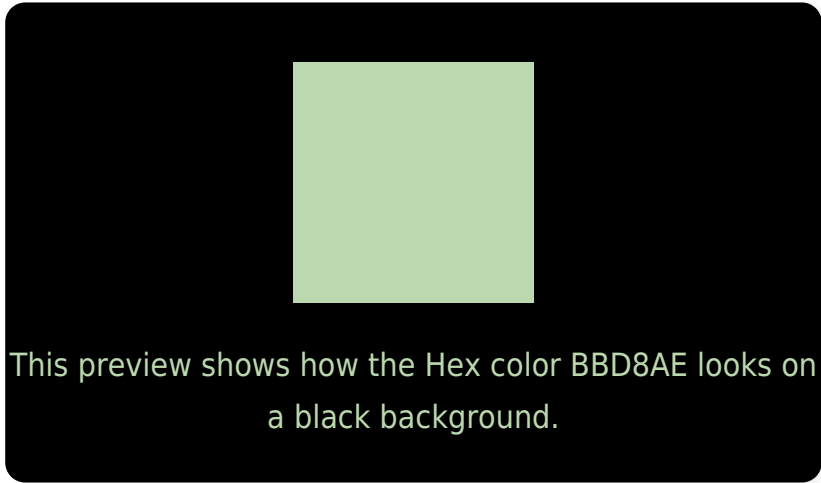
Large Text (above 18pt) WCAG AA × Fail

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 BBD8AE Background



This preview shows how black text looks on a background with the Hex color BBD8AE.

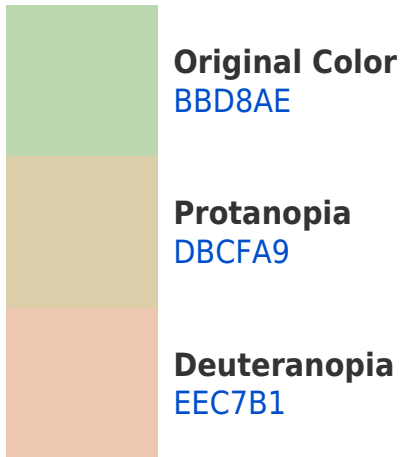


This preview shows how white text looks on a background with the Hex color BBD8AE.

# 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](#).

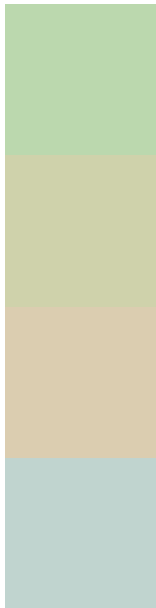
## Dichromacy





**Tritanopia**  
C3D1E2

# Trichromacy



**Original Color**  
BBD8AE

**Protanomaly**  
CFD2AB

**Deuteranomaly**  
DBCDB0

**Tritanomaly**  
C0D4CF

# Monochromacy



**Original Color**  
BBD8AE

**Achromatopsia**  
CBCBCB

**Achromatomaly**  
C5D0C0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBD8AE 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 #BBD8AE looks like.

```
.text, #text, p{  
    color:#BBD8AE  
}
```

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 #BBD8AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBD8AE
}
```

## Border

The CSS property to change the border of an element to Hex BBD8AE 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
#BBD8AE }
```

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

```
.border{ border-color:#BBD8AE }
```

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

Here you see how a box with a 4 pixel #BBD8AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBD8AE; -webkit-box-shadow:4px 4px  
4px 4px #BBD8AE; box-shadow:4px 4px 4px  
4px #BBD8AE }
```

# Background

The CSS property to change the background color of an element to Hex BBD8AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBD8AE }
```

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

```
.background{ background-color:#BBD8AE }
```

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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