

# Converting Colors

Hex(BCD9AA)

Have a look what the booklet for  
Hex(BCD9AA) contains.

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# **Color**

**Hex(BCD9AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCD9AA
RGB	188, 217, 170
RGB Percent	74%, 85%, 67%
CMY	0.2627, 0.1490, 0.3333
CMYK	0.13, 0.00, 0.22, 0.15
HSL	97°, 38%, 76%
HSV	97°, 22%, 85%
XYZ	52.8076, 63.2194, 47.4495
YIQ	202.9710, -2.1970, -20.7650

# Conversions

## Conversions Part 2

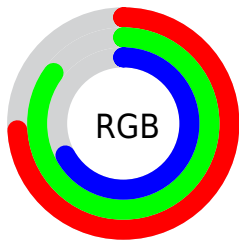
Format	Color
<a href="#">RYB</a>	<a href="#">170, 217, 199</a>
Decimal	<a href="#">12376490</a>
CIELab	<a href="#">83.56, -18.08, 20.02</a>
CIELCh	<a href="#">84, 26.978, 132.089</a>
Yxy	<a href="#">63.2194, 0.3230, 0.3867</a>
Android (android.graphics.Color)	<a href="#">4290566570 (0xFFBCD9AA)</a>
YUV	<a href="#">202.9710, -16.2547, -13.1296</a>
Hunter-Lab	<a href="#">79.5106, -20.5914, 20.2749</a>

# Details

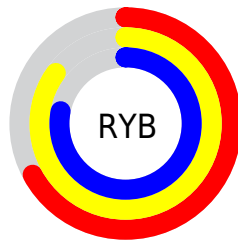
The Hex color **BCD9AA** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C7AAD9**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **F5FFE1**, and **86A276** is the 20% darker color. If you saturate the color by 10%, you get **AFD994**, and if you desaturate by 10%, it is **C9D9C0**.

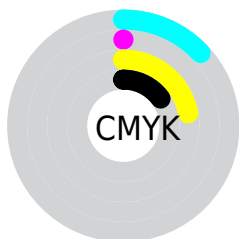
# Distribution



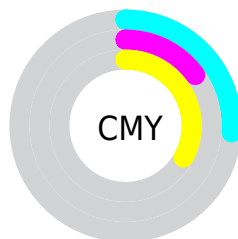
- Red (74%)
- Green (85%)
- Blue (67%)



- Red (67%)
- Yellow (85%)
- Blue (78%)



- Cyan (13%)
- Magenta (0%)
- Yellow (22%)
- Black (15%)



- Cyan (26%)
- Magenta (15%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCD9AA 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 BCD9AA by changing the saturation by 10% instead.



 BCD9AA

 BCD9AA

FFFFFF

 A1BD8F

 F5FFE1

 86A276

FFFFFFE

 6D885D

 546E45

 3C562E

 253E19

 112800

 001500

 000000

 BCD9AA

 BCD9AA

 AFD994

 C9D9C0

 A1D97F

 D7D9D5

 94D969

 E4D9EB

 86D953

 F2D9FF

 79D93D

 FFD9FF

 6CD928

 5ED912

 53D900

# Harmonies

## Analogous

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



D9D29E



BCD9AA



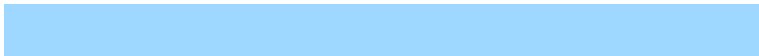
A0DDC0

# Triad

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



BCD9AA



9ED7FF



FFBEC7

# Complementary

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



BCD9AA



C7AAD9

# 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.



F9C0E0



BCD9AA



C0CFFF

# Square

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



BCD9AA



89DDF1



E1C6F6



FFC2AF

# Rectangle

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



BCD9AA



91DFD1



E1C6F6



FFBECF



# Sweetspot

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



BCD9AA



F6FFF0



D9C7AA



7A8077



000000



808080

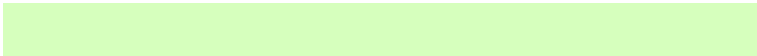


# Same Dimension

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



BCD9AA



D6FFBD



AAD9AF



676E63



42AD00



122E00



# Inverse Universe

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



C7AAD9



E6BDFE



D9AAD4



69636E



6B00AD

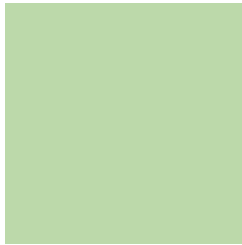


1C002E



# Previews

## White Background



This preview shows how the Hex color BCD9AA looks on a white background.

## Color Contrast Check

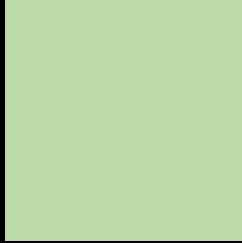
Large Text (above 18pt) WCAG AA × Fail

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 BCD9AA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

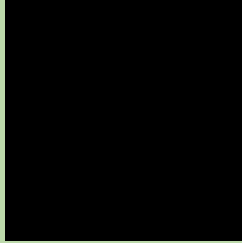
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

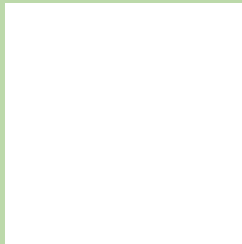
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BCD9AA Background



This preview shows how black text looks on a background with the Hex color BCD9AA.

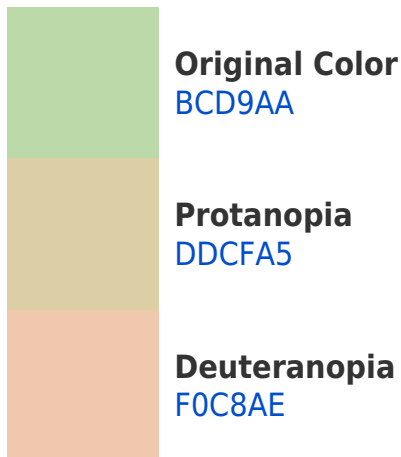


This preview shows how white text looks on a background with the Hex color BCD9AA.

# 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](#).

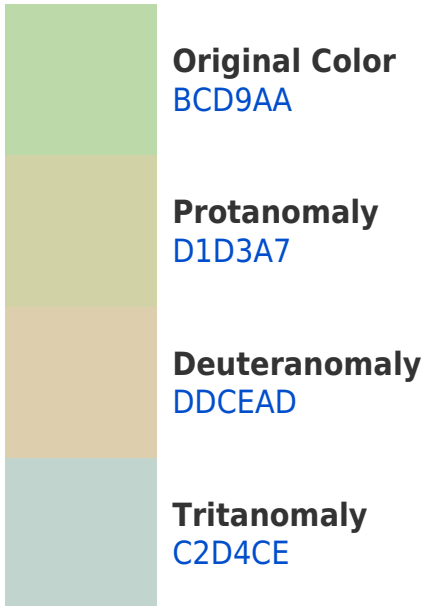
## Dichromacy



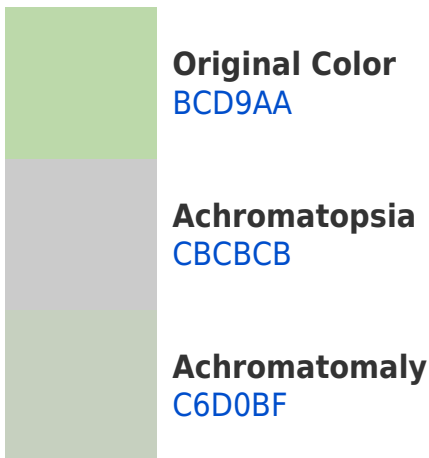


**Tritanopia**  
C5D1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCD9AA 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 #BCD9AA looks like.

```
.text, #text, p{  
    color:#BCD9AA  
}
```

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 #BCD9AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCD9AA
}
```

## Border

The CSS property to change the border of an element to Hex BCD9AA 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
#BCD9AA }
```

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

```
.border{ border-color:#BCD9AA }
```

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

Here you see how a box with a 4 pixel #BCD9AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCD9AA; -webkit-box-shadow:4px 4px  
4px 4px #BCD9AA; box-shadow:4px 4px 4px  
4px #BCD9AA }
```

# Background

The CSS property to change the background color of an element to Hex BCD9AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCD9AA }
```

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

```
.background{ background-color:#BCD9AA }
```

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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