

# Converting Colors

Hex(BCD49B)

Have a look what the booklet for  
Hex(BCD49B) contains.

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# **Color**

**Hex(BCD49B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BCD49B
RGB	188, 212, 155
RGB Percent	74%, 83%, 61%
CMY	0.2627, 0.1686, 0.3922
CMYK	0.11, 0.00, 0.27, 0.17
HSL	85°, 40%, 72%
HSV	85°, 27%, 83%
XYZ	50.1989, 60.1449, 39.9737
YIQ	198.3260, 3.9930, -22.8150

# Conversions

## Conversions Part 2

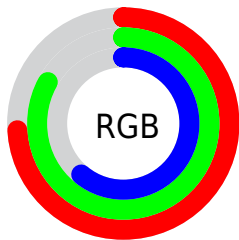
Format	Color
<a href="#">RYB</a>	<a href="#">155, 212, 179</a>
Decimal	<a href="#">12375195</a>
CIELab	<a href="#">81.92, -17.89, 25.61</a>
CIELCh	<a href="#">82, 31.245, 124.938</a>
Yxy	<a href="#">60.1449, 0.3340, 0.4001</a>
Android (android.graphics.Color)	<a href="#">4290565275 (0xFFBCD49B)</a>
YUV	<a href="#">198.3260, -21.3597, -9.0559</a>
Hunter-Lab	<a href="#">77.5531, -20.1778, 23.7270</a>

# Details

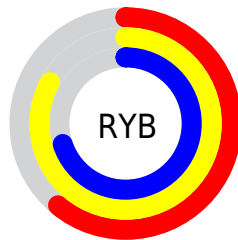
The Hex color **BCD49B** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B39BD4**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **F5FFD2**, and **869D67** is the 20% darker color. If you saturate the color by 10%, you get **B3D486**, and if you desaturate by 10%, it is **C5D4B0**.

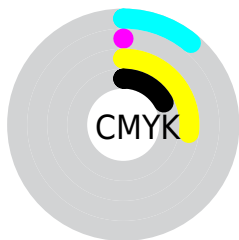
# Distribution



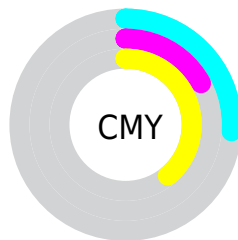
- Red (74%)
- Green (83%)
- Blue (61%)



- Red (61%)
- Yellow (83%)
- Blue (70%)



- Cyan (11%)
- Magenta (0%)
- Yellow (27%)
- Black (17%)



- Cyan (26%)
- Magenta (17%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCD49B 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 BCD49B by changing the saturation by 10% instead.



 BCD49B

FFFFFF

 F5FFD2

 FFFFEE

 BCD49B

 A1B881

 869D67

 6C834F

 546A37

 3C5221

 243B0A

 102500

 000D00

 000000

 BCD49B

 BCD49B

 B3D486

 C5D4B0

 AAD471

 CED4C5

 A1D45B

 D7D4DB

 98D446

 E0D4F0

 8FD431

 E9D4FF

 86D41C

 F2D4FF

 7ED407

 FAD4FF

 7BD400

 FFD4FF

# Harmonies

## Analogous

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



DCCB91



BCD49B



9ADAB2

# Triad

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



BCD49B



86D5FF



FFB6C8

# Complementary

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



BCD49B



B39BD4

# 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.



F5BAE5



BCD49B



AECDFF

# Square

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



BCD49B



72DBEC



D6C2FC



FFB9AC

# Rectangle

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



BCD49B



86DCC5



D6C2FC



FFB7D2

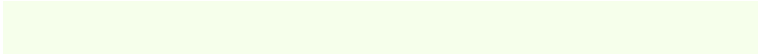


# Sweetspot

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



BCD49B



F6FFEB



D4B39B



7A8073



000000



808080

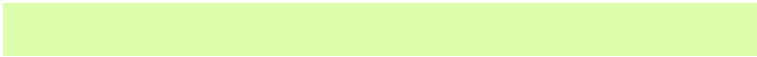


# Same Dimension

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



BCD49B



DFFAD



A0D49B



676B60



63AB00



192B00



# Inverse Universe

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



B39BD4



D0ADFF



CF9BD4



65606B



4800AB



12002B



# Previews

## White Background



This preview shows how the Hex color BCD49B 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 BCD49B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

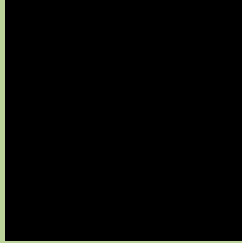
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BCD49B Background



This preview shows how black text looks on a background with the Hex color BCD49B.

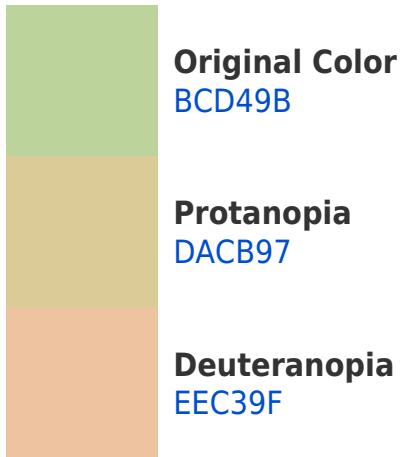


This preview shows how white text looks on a background with the Hex color BCD49B.

# Color Blindness Simulation

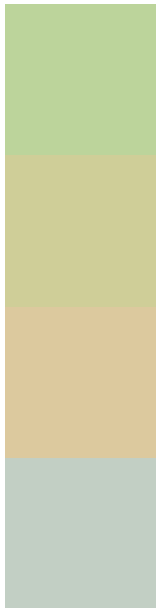
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
BCD49B

**Protanomaly**  
CFCE98

**Deuteranomaly**  
DCC99E

**Tritanomaly**  
C2CFC4

# Monochromacy



**Original Color**  
BCD49B

**Achromatopsia**  
C6C6C6

**Achromatomaly**  
C2CBB6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCD49B 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 #BCD49B looks like.

```
.text, #text, p{  
    color:#BCD49B  
}
```

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 #BCD49B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCD49B  
}
```

## Border

The CSS property to change the border of an element to Hex BCD49B 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  
#BCD49B }
```

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

```
.border{ border-color:#BCD49B }
```

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

Here you see how a box with a 4 pixel #BCD49B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCD49B; -webkit-box-shadow:4px 4px  
4px 4px #BCD49B; box-shadow:4px 4px 4px  
4px #BCD49B }
```

# Background

The CSS property to change the background color of an element to Hex BCD49B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCD49B }
```

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

```
.background{ background-color:#BCD49B }
```

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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