

# Converting Colors

Hex(BDC9AB)

Have a look what the booklet for  
Hex(BDC9AB) contains.

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# **Color**

**Hex(BDC9AB)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | BDC9AB                     |
| RGB         | 189, 201, 171              |
| RGB Percent | 74%, 79%, 67%              |
| CMY         | 0.2588, 0.2118, 0.3294     |
| CMYK        | 0.06, 0.00, 0.15, 0.21     |
| HSL         | 84°, 22%, 73%              |
| HSV         | 84°, 15%, 79%              |
| XYZ         | 49.2236, 55.5324, 46.6525  |
| YIQ         | 193.9920, 2.4780, -11.8740 |

# Conversions

## Conversions Part 2

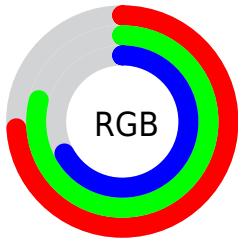
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 171, 201, 183                  |
| Decimal                             | 12437931                       |
| CIELab                              | 79.35, -9.45, 13.61            |
| CIELCh                              | 79, 16.573, 124.768            |
| Yxy                                 | 55.5324, 0.3251,<br>0.3668     |
| Android<br>(android.graphics.Color) | 4290628011<br>(0xFFBDC9AB)     |
| YUV                                 | 193.9920, -11.3351,<br>-4.3780 |
| Hunter-Lab                          | 74.5201, -12.5034,<br>15.0461  |

# Details

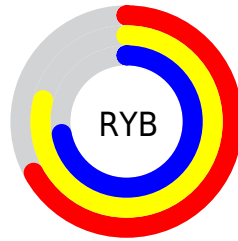
The Hex color **BDC9AB** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B7ABC9**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **F5FFE2**, and **889377** is the 20% darker color. If you saturate the color by 10%, you get **B5C997**, and if you desaturate by 10%, it is **C5C9BF**.

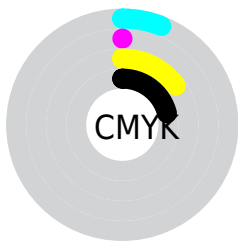
# Distribution



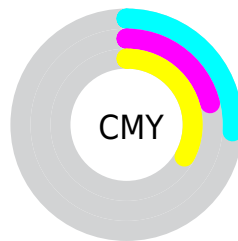
- Red (74%)
- Green (79%)
- Blue (67%)



- Red (67%)
- Yellow (79%)
- Blue (72%)



- Cyan (6%)
- Magenta (0%)
- Yellow (15%)
- Black (21%)



- Cyan (26%)
- Magenta (21%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDC9AB 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 BDC9AB by changing the saturation by 10% instead.



 BDC9AB

 BDC9AB

FFFFFF

 A2AE90

 F5FFE2

 889377

 6E795E

 566046

 3E4930

 28321B

 151D00

 000000

 BDC9AB

 BDC9AB

 B5C997

 C5C9BF

 ADC983

 CDC9D3

 A5C96F

 D5C9E7

 9DC95B

 DDC9FB

 95C946

 E5C9FF

 8DC932

 EDC9FF

 85C91E

 F5C9FF

 7DC90A

 FDC9FF

 79C900

 FFC9FF

# Harmonies

## Analogous

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



CEC4A6



BDC9AB



ACCCB7

# Triad

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



BDC9AB



A5CAE0



E4BAC3

# Complementary

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



BDC9AB



B7ABC9

# 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.



DBBCD2



BDC9AB



B7C5E3

# Square

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



BDC9AB



9DCDD6



CBCODE



E5BBB4

# Rectangle

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



BDC9AB



A3CEC1



CBC0DE



E2BAC8



# Sweetspot

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



BDC9AB



FBFFF5



C9B7AB



7D8079



000000



808080

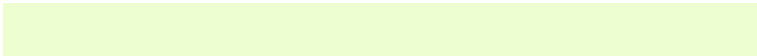


# Same Dimension

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



BDC9AB



EDFFD1



AFC9AB



5F635A



62A300



152400



# Inverse Universe

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



B7ABC9



E3D1FF



C6ABC9



5D5A63



4100A3



0E0024



# Previews

## White Background



This preview shows how the Hex color BDC9AB looks on a white background.

## Color Contrast Check

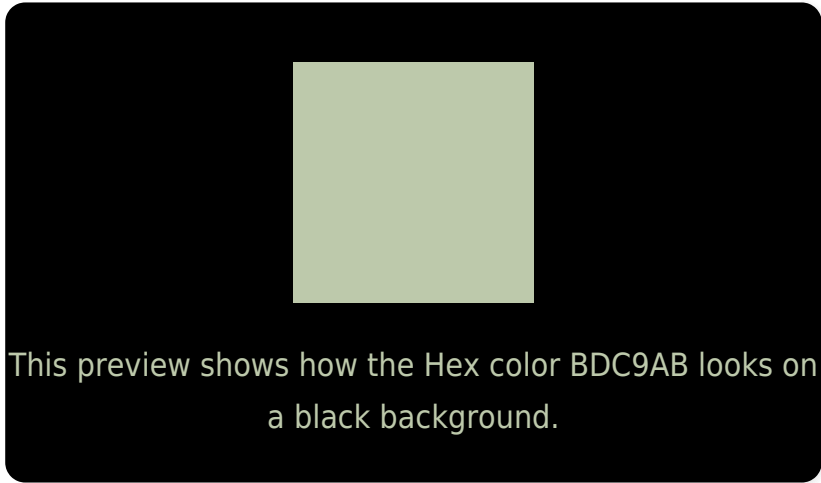
Large Text (above 18pt) WCAG AA × Fail

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

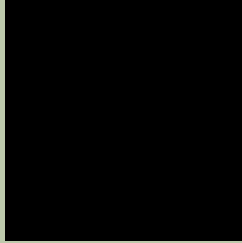
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

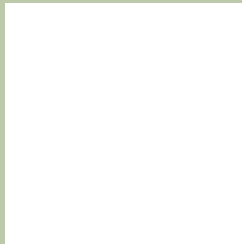
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BDC9AB Background



This preview shows how black text looks on a background with the Hex color BDC9AB.

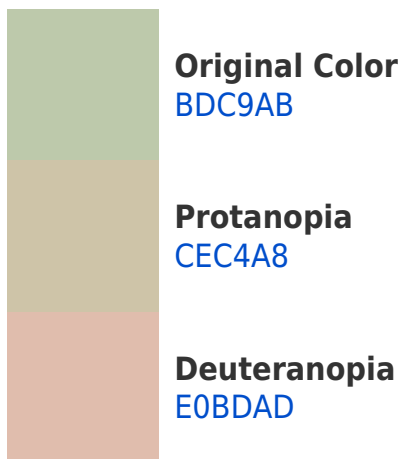


This preview shows how white text looks on a background with the Hex color BDC9AB.

# 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](#).

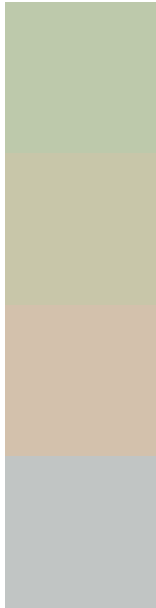
## Dichromacy





**Tritanopia**  
C3C3D3

# Trichromacy



**Original Color**  
BDC9AB

**Protanomaly**  
C8C6A9

**Deuteranomaly**  
D3C1AC

**Tritanomaly**  
C1C5C4

# Monochromacy



**Original Color**  
BDC9AB

**Achromatopsia**  
C2C2C2

**Achromatomaly**  
C0C5BA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDC9AB 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 #BDC9AB looks like.

```
.text, #text, p{  
    color:#BDC9AB  
}
```

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 #BDC9AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDC9AB
}
```

## Border

The CSS property to change the border of an element to Hex BDC9AB 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
#BDC9AB }
```

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

```
.border{ border-color:#BDC9AB }
```

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

Here you see how a box with a 4 pixel #BDC9AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDC9AB; -webkit-box-shadow:4px 4px  
4px 4px #BDC9AB; box-shadow:4px 4px 4px  
4px #BDC9AB }
```

# Background

The CSS property to change the background color of an element to Hex BDC9AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDC9AB }
```

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

```
.background{ background-color:#BDC9AB }
```

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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