

# Converting Colors

Hex(CBD9AB)

Have a look what the booklet for  
Hex(CBD9AB) contains.

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# **Color**

**Hex(CBD9AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBD9AB
RGB	203, 217, 171
RGB Percent	80%, 85%, 67%
CMY	0.2039, 0.1490, 0.3294
CMYK	0.06, 0.00, 0.21, 0.15
HSL	78°, 38%, 76%
HSV	78°, 21%, 85%
XYZ	56.7921, 65.2625, 48.1317
YIQ	207.5700, 6.4220, -17.2740

# Conversions

## Conversions Part 2

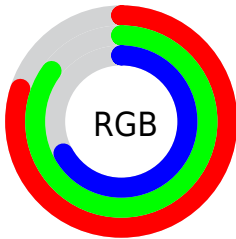
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 217, 185
Decimal	13359531
CIELab	84.62, -12.57, 21.13
CIELCh	85, 24.582, 120.748
Yxy	65.2625, 0.3337, 0.3835
Android (android.graphics.Color)	4291549611 (0xFFCBD9AB)
YUV	207.5700, -18.0290, -4.0079
Hunter-Lab	80.7852, -15.8883, 21.2247

# Details

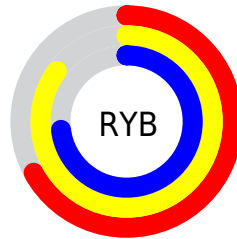
The Hex color **CBD9AB** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B9ABD9**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFFE2**, and **95A277** is the 20% darker color. If you saturate the color by 10%, you get **C4D995**, and if you desaturate by 10%, it is **D2D9C1**.

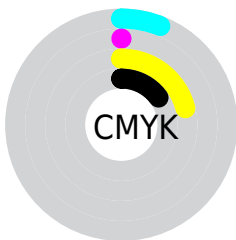
# Distribution



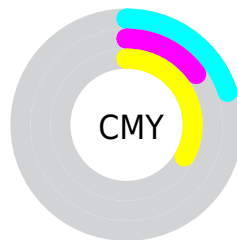
- Red (80%)
- Green (85%)
- Blue (67%)



- Red (67%)
- Yellow (85%)
- Blue (73%)



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



- Cyan (20%)
- Magenta (15%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBD9AB 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 CBD9AB by changing the saturation by 10% instead.



 CBD9AB

FFFFFF

 FFFFE2

 CBD9AB

 AFBD90

 95A277

 7B885E

 616F46

 49562F

 323F19

 1D2900

 001600

 000000

 CBD9AB

 CBD9AB

 C4D995

 D2D9C1

 BED980

 D8D9D6

 B7D96A

 DFD9EC

 B1D954

 E5D9FF

 AAD93F

 ECD9FF

 A3D929

 F3D9FF

 9DD913

 F9D9FF

 97D900

 FFD9FF

# Harmonies

## Analogous

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



E4D2A5



CBD9AB



B1DEBC

# Triad

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



CBD9AB



9EDCFB



FFC3D3

# Complementary

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



CBD9AB



B9ABD9

# 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.



F2C6EA



CBD9AB



B9D5FF

# Square

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



CBD9AB



93E0EA



D8CDFB



FFC4BD

# Rectangle

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



CBD9AB



A1E0CB



D8CDFB



FDC3DB



# Sweetspot

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



CBD9AB



FAFFF0



D9B9AB



7D8077



000000



808080

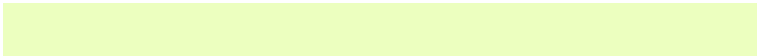


# Same Dimension

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



CBD9AB



ECFFBF



B4D9AB



6A6E63



79AD00



202E00



# Inverse Universe

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



B9ABD9



D3BFFF



D0ABD9



66636E



3500AD

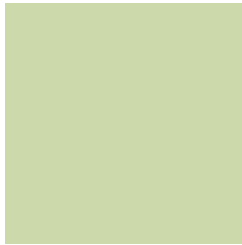


0E002E



# Previews

## White Background



This preview shows how the Hex color CBD9AB looks on a white background.

## Color Contrast Check

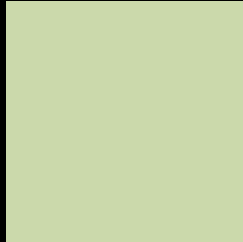
Large Text (above 18pt) WCAG AA × Fail

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 CBD9AB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

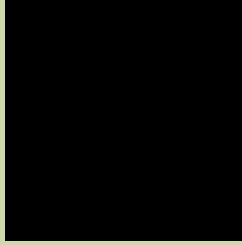
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CBD9AB Background



This preview shows how black text looks on a background with the Hex color CBD9AB.

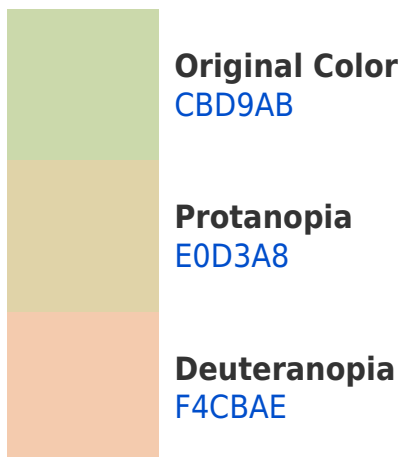


This preview shows how white text looks on a background with the Hex color CBD9AB.

# 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](#).

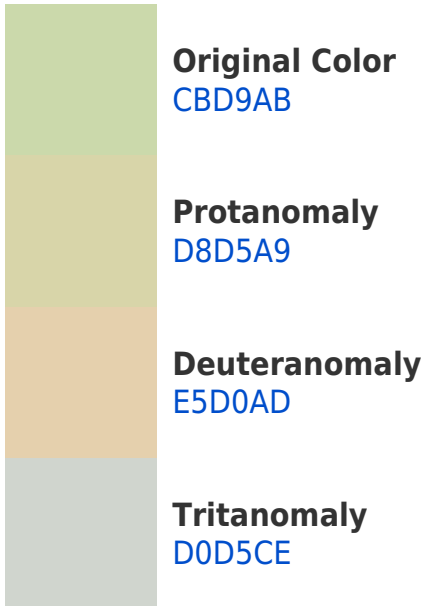
## Dichromacy



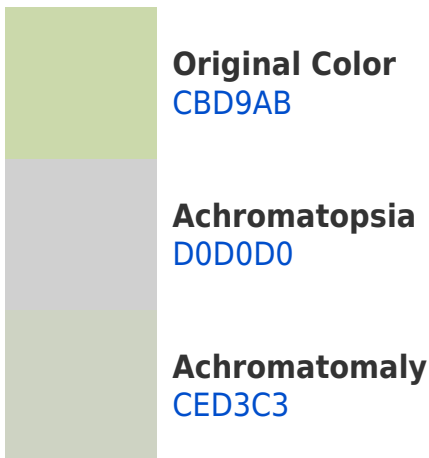


**Tritanopia**  
D3D2E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBD9AB 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 #CBD9AB looks like.

```
.text, #text, p{  
    color:#CBD9AB  
}
```

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 #CBD9AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBD9AB  
}
```

## Border

The CSS property to change the border of an element to Hex CBD9AB 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  
#CBD9AB }
```

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

```
.border{ border-color:#CBD9AB }
```

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

Here you see how a box with a 4 pixel #CBD9AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBD9AB; -webkit-box-shadow:4px 4px  
4px 4px #CBD9AB; box-shadow:4px 4px 4px  
4px #CBD9AB }
```

# Background

The CSS property to change the background color of an element to Hex CBD9AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBD9AB }
```

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

```
.background{ background-color:#CBD9AB }
```

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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