

# Converting Colors

Hex(BDB4A3)

Have a look what the booklet for  
Hex(BDB4A3) contains.

<b>Hex(BDB4A3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(BDB4A3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BDB4A3
RGB	189, 180, 163
RGB Percent	74%, 71%, 64%
CMY	0.2588, 0.2941, 0.3608
CMYK	0.00, 0.05, 0.14, 0.26
HSL	39°, 16%, 69%
HSV	39°, 14%, 74%
XYZ	43.9184, 46.1057, 41.2349
YIQ	180.7530, 10.8210, -3.3790

# Conversions

## Conversions Part 2

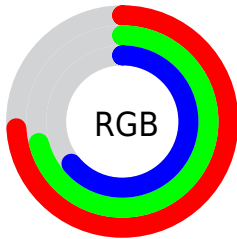
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">177, 189, 163</a>
Decimal	<a href="#">12432547</a>
CIELab	<a href="#">73.61, 0.28, 9.81</a>
CIELCh	<a href="#">74, 9.812, 88.348</a>
Yxy	<a href="#">46.1057, 0.3346, 0.3513</a>
Android (android.graphics.Color)	<a href="#">4290622627</a> ( <a href="#">0xFFBDB4A3</a> )
YUV	<a href="#">180.7530, -8.7522, 7.2326</a>
Hunter-Lab	<a href="#">67.9012, -3.3735, 11.5253</a>

# Details

The Hex color **BDB4A3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **A3ACBD**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **F5ECDA**, and **887F6F** is the 20% darker color. If you saturate the color by 10%, you get **BDAD90**, and if you desaturate by 10%, it is **BDBBB6**.

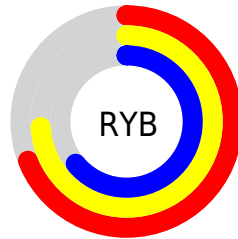
# Distribution



Red (74%)

Green (71%)

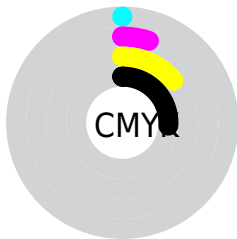
Blue (64%)



Red (69%)

Yellow (74%)

Blue (64%)

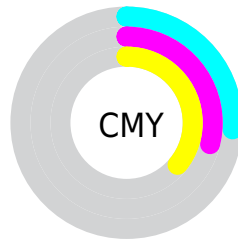


Cyan (0%)

Magenta (5%)

Yellow (14%)

Black (26%)



Cyan (26%)

Magenta (29%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDB4A3 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 BDB4A3 by changing the saturation by 10% instead.





BDB4A3



BDB4A3

FFFFFF



A29989



F5ECDA



887F6F



FFFFF6



6E6657



564E40



3E382A



282215



130C00



000000



BDB4A3



BDB4A3

 BDAD90

 BDBBB6

 BDA77D

 BDC1C9

 BDA06A

 BDC8DC

 BD9A57

 BDCEEF

 BD9344

 BDD5FF

 BD8D32

 BDDBFF

 BD861F

 BDE2FF

 BD800C

 BDE8FF

 BD7C00

 BDEFFF

# Harmonies

## Analogous

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



C5B1A6



BDB4A3



B3B7A5

# Triad

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



BDB4A3



9FBABD



C0B0BE

# Complementary

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



BDB4A3



A3ACBD

# 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.



B6B3C5



BDB4A3



A2B8C4

# Square

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



BDB4A3



A1BAB4



ABB6C7



C7AFB6

# Rectangle

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



BDB4A3



ACB9A9



ABB6C7



BDB1C1

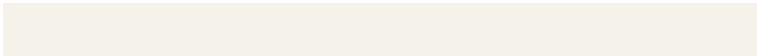


# Sweetspot

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



BDB4A3



F5F1EB



BDA3AC



7A7874



FAFAFA



7A7A7A

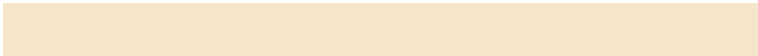


# Same Dimension

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



BDB4A3



F5E6CB



B9BDA3



5E5B55



9E6700



1F1400



# Inverse Universe

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



A3ACBD



CBD AF5



A7A3BD



55585E



00379E



000B1F



# Previews

## White Background



This preview shows how the Hex color BDB4A3 looks on a white background.

## Color Contrast Check

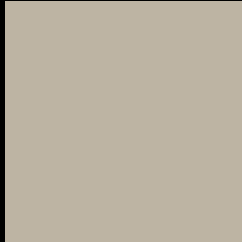
Large Text (above 18pt) WCAG AA × Fail

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 BDB4A3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

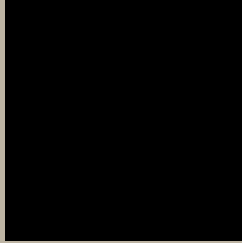
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BDB4A3 Background



This preview shows how black text looks on a background with the Hex color BDB4A3.

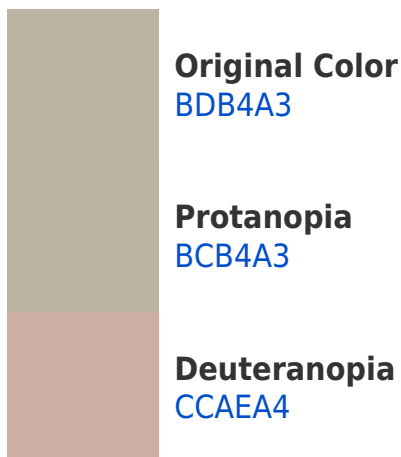


This preview shows how white text looks on a background with the Hex color BDB4A3.

# 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**  
C1B0BE

# Trichromacy



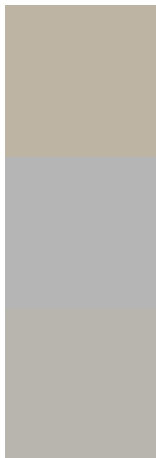
**Original Color**  
BDB4A3

**Protanomaly**  
BCB4A3

**Deuteranomaly**  
C7B0A4

**Tritanomaly**  
C0B1B4

# Monochromacy



**Original Color**  
BDB4A3

**Achromatopsia**  
B5B5B5

**Achromatomaly**  
B8B5AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDB4A3 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 #BDB4A3 looks like.

```
.text, #text, p{  
    color:#BDB4A3  
}
```

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 #BDB4A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDB4A3
}
```

## Border

The CSS property to change the border of an element to Hex BDB4A3 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
#BDB4A3 }
```

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

```
.border{ border-color:#BDB4A3 }
```

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

Here you see how a box with a 4 pixel #BDB4A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDB4A3; -webkit-box-shadow:4px 4px  
4px 4px #BDB4A3; box-shadow:4px 4px 4px  
4px #BDB4A3 }
```

# Background

The CSS property to change the background color of an element to Hex BDB4A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDB4A3 }
```

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

```
.background{ background-color:#BDB4A3 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor