

# Converting Colors

Hex(B1AA89)

Have a look what the booklet for  
Hex(B1AA89) contains.

<b>Hex(B1AA89)</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(B1AA89)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1AA89
RGB	177, 170, 137
RGB Percent	69%, 67%, 54%
CMY	0.3059, 0.3333, 0.4627
CMYK	0.00, 0.04, 0.23, 0.31
HSL	50°, 20%, 62%
HSV	50°, 23%, 69%
XYZ	37.0215, 39.9027, 29.4177
YIQ	168.3310, 14.7650, -8.7790

# Conversions

## Conversions Part 2

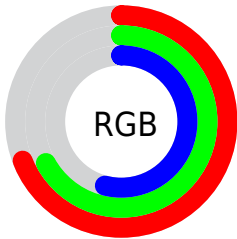
Format	Color
<a href="#">RYB</a>	<a href="#">145, 177, 137</a>
Decimal	<a href="#">11643529</a>
CIELab	<a href="#">69.40, -2.95, 17.95</a>
CIELCh	<a href="#">69, 18.188, 99.337</a>
Yxy	<a href="#">39.9027, 0.3481, 0.3752</a>
Android (android.graphics.Color)	<a href="#">4289833609</a> ( <a href="#">0xFFB1AA89</a> )
YUV	<a href="#">168.3310, -15.4462, 7.6027</a>
Hunter-Lab	<a href="#">63.1686, -5.9306, 16.6066</a>

# Details

The Hex color **B1AA89** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8990B1**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **E9E1BE**, and **7C7657** is the 20% darker color. If you saturate the color by 10%, you get **B1A777**, and if you desaturate by 10%, it is **B1AD9B**.

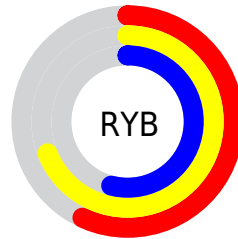
# Distribution



Red (69%)

Green (67%)

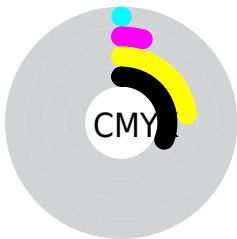
Blue (54%)



Red (57%)

Yellow (69%)

Blue (54%)

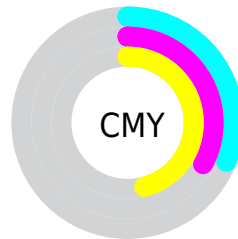


Cyan (0%)

Magenta (4%)

Yellow (23%)

Black (31%)



Cyan (31%)

Magenta (33%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1AA89 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 B1AA89 by changing the saturation by 10% instead.





B1AA89



B1AA89

FFFFFF



969070



E9E1BE



7C7657



FFFEDA



635D3F



FFFFF7



4A4629



333014



1F1B00



000000



B1AA89



B1AA89



B1A777



B1AD9B

 B1A466

 B1B0AC

 B1A154

 B1B3BE

 B19E42

 B1B6D0

 B19B30

 B1B9E1

 B1971F

 B1BDF3

 B1940D

 B1C0FF

 B19200

 B1C3FF

 B1C6FF

# Harmonies

## Analogous

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



C1A58B



B1AA89



9EAF90

# Triad

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



B1AA89



7EB2BE



C39FB5

# Complementary

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



B1AA89



8990B1

# 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.



B3A4C3



B1AA89



89AEC8

# Square

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



B1AA89



80B3AE



9EA9CA



CB9EA5

# Rectangle

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



B1AA89



92B198



9EA9CA



BFA0BB



# Sweetspot

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



B1AA89



E6E3D5



B18990



73716A



F2F2F2



737373



# Same Dimension

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



B1AA89



E6DBA8



A4B189



595850



997E00



1A1500



# Inverse Universe

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



8990B1



A8B2E6



9689B1



505259



001B99



00041A



# Previews

## White Background



This preview shows how the Hex color B1AA89 looks on a white background.

## Color Contrast Check

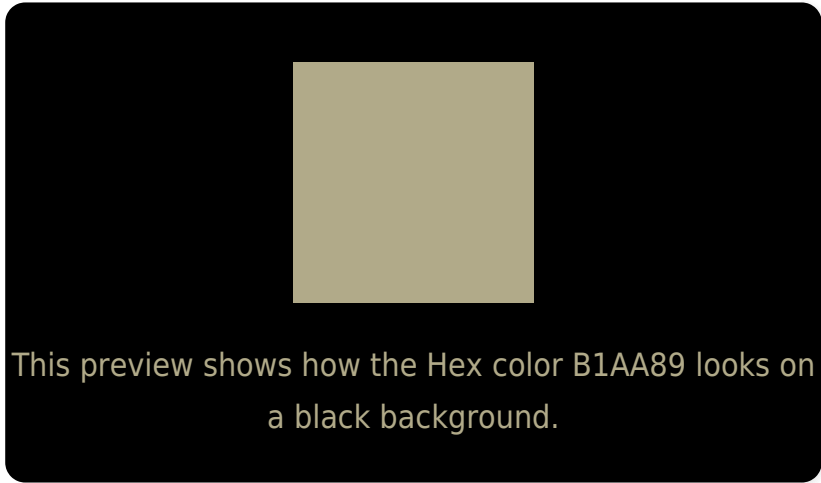
Large Text (above 18pt) WCAG AA × Fail

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

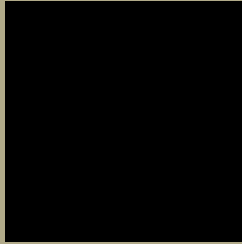
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B1AA89 Background



This preview shows how black text looks on a background with the Hex color B1AA89.



This preview shows how white text looks on a background with the Hex color B1AA89.

# 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



**Original Color**  
B1AA89

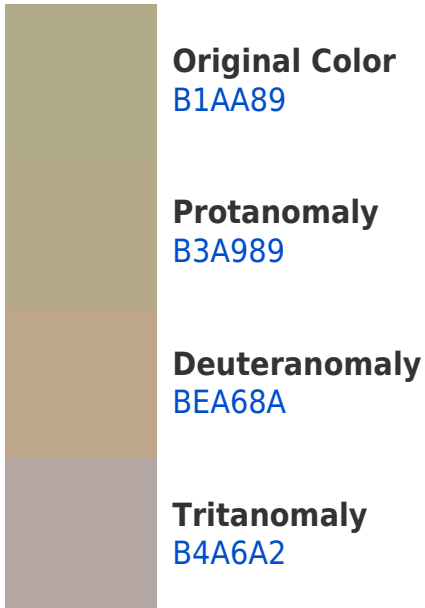
**Protanopia**  
B4A989

**Deuteranopia**  
C5A38A

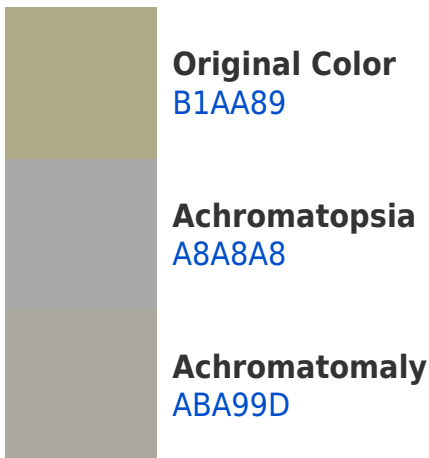


**Tritanopia**  
B6A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1AA89 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 #B1AA89 looks like.

```
.text, #text, p{  
    color:#B1AA89  
}
```

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 #B1AA89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1AA89
}
```

## Border

The CSS property to change the border of an element to Hex B1AA89 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
#B1AA89 }
```

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

```
.border{ border-color:#B1AA89 }
```

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

Here you see how a box with a 4 pixel #B1AA89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1AA89; -webkit-box-shadow:4px 4px  
4px 4px #B1AA89; box-shadow:4px 4px 4px  
4px #B1AA89 }
```

# Background

The CSS property to change the background color of an element to Hex B1AA89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1AA89 }
```

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

```
.background{ background-color:#B1AA89 }
```

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