

# Converting Colors

Hex(B1AE85)

Have a look what the booklet for  
Hex(B1AE85) contains.

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# **Color**

**Hex(B1AE85)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1AE85
RGB	177, 174, 133
RGB Percent	69%, 68%, 52%
CMY	0.3059, 0.3176, 0.4784
CMYK	0.00, 0.02, 0.25, 0.31
HSL	56°, 22%, 61%
HSV	56°, 25%, 69%
XYZ	37.5012, 41.3127, 28.1879
YIQ	170.2230, 14.9490, -12.1150

# Conversions

## Conversions Part 2

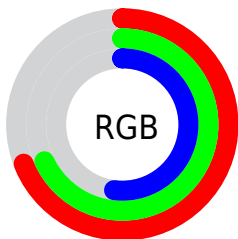
<b>Format</b>	<b>Color</b>
<b>RYB</b>	136, 177, 133
Decimal	11644549
CIELab	70.39, -5.67, 21.49
CIELCh	70, 22.223, 104.772
Yxy	41.3127, 0.3505, 0.3861
Android (android.graphics.Color)	4289834629 (0xFFB1AE85)
YUV	170.2230, -18.3509, 5.9434
Hunter-Lab	64.2749, -8.3355, 18.9907

# Details

The Hex color **B1AE85** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8588B1**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **E9E5BA**, and **7C7A53** is the 20% darker color. If you saturate the color by 10%, you get **B1AD73**, and if you desaturate by 10%, it is **B1AF97**.

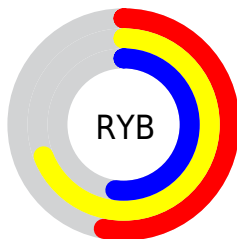
# Distribution



Red (69%)

Green (68%)

Blue (52%)



Red (53%)

Yellow (69%)

Blue (52%)

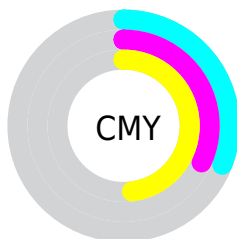


Cyan (0%)

Magenta (2%)

Yellow (25%)

Black (31%)



Cyan (31%)

Magenta (32%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1AE85 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 B1AE85 by changing the saturation by 10% instead.





B1AE85



B1AE85

FFFFFF



96936C



E9E5BA



7C7A53



FFFFD6



63613C



FFFFF3



4A4925



333310



1E1E00



000300



000000



B1AE85



B1AE85

 B1AD73

 B1AF97

 B1AC62

 B1B0A8

 B1AA50

 B1B2BA

 B1A93E

 B1B3CC

 B1A82D

 B1B4DE

 B1A71B

 B1B5EF

 B1A609

 B1B6FF

 B1A500

 B1B8FF

 B1B9FF

# Harmonies

## Analogous

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



C5A786



B1AE85



9AB48F

# Triad

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



B1AE85



76B6C8



CE9FB7

# Complementary

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



B1AE85



8588B1

# 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.



BCA4C9



B1AE85



87B1D3

# Square

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



B1AE85



75B8B6



A2ABD3



D69EA3

# Rectangle

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



B1AE85



8BB69A



A2ABD3



C9A0BE

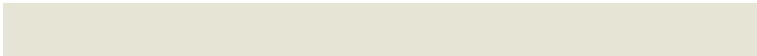


# Sweetspot

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



B1AE85



E6E4D5



B18589



73726A



F2F2F2



737373



# Same Dimension

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



B1AE85



E6E1A1



9FB185



595950



998F00



1A1800



# Inverse Universe

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



8588B1



A1A5E6



9785B1



505159



000A99



00021A



# Previews

## White Background



This preview shows how the Hex color B1AE85 looks on a white background.

## Color Contrast Check

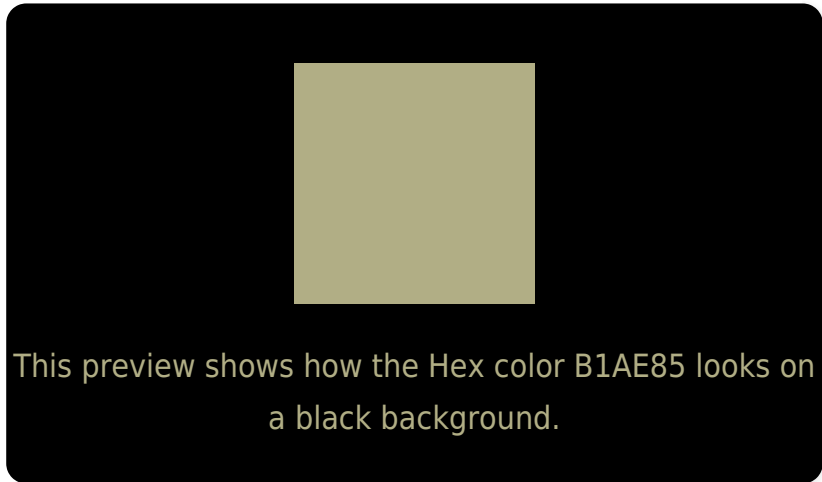
Large Text (above 18pt) WCAG AA × Fail

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

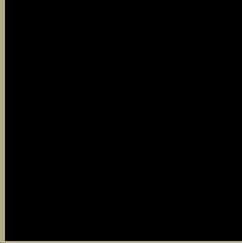
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B1AE85 Background



This preview shows how black text looks on a background with the Hex color B1AE85.

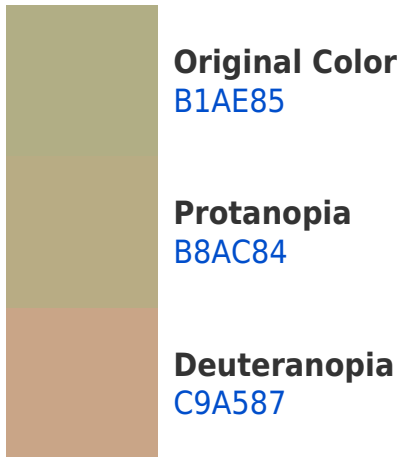


This preview shows how white text looks on a background with the Hex color B1AE85.

# 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](#).

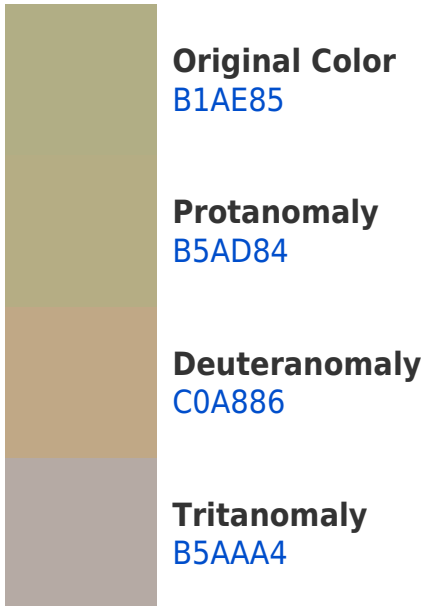
## Dichromacy



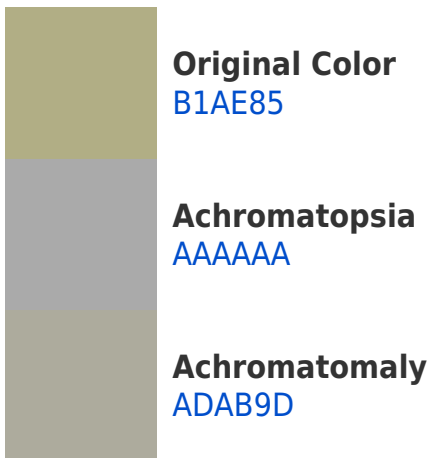


**Tritanopia**  
B7A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1AE85 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 #B1AE85 looks like.

```
.text, #text, p{  
    color:#B1AE85  
}
```

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 #B1AE85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1AE85
}
```

## Border

The CSS property to change the border of an element to Hex B1AE85 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
#B1AE85 }
```

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

```
.border{ border-color:#B1AE85 }
```

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

Here you see how a box with a 4 pixel #B1AE85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1AE85; -webkit-box-shadow:4px 4px  
4px 4px #B1AE85; box-shadow:4px 4px 4px  
4px #B1AE85 }
```

# Background

The CSS property to change the background color of an element to Hex B1AE85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1AE85 }
```

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

```
.background{ background-color:#B1AE85 }
```

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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