

# Converting Colors

Hex(B3ACA1)

Have a look what the booklet for  
Hex(B3ACA1) contains.

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# **Color**

**Hex(B3ACA1)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | B3ACA1                    |
| RGB         | 179, 172, 161             |
| RGB Percent | 70%, 67%, 63%             |
| CMY         | 0.2980, 0.3255, 0.3686    |
| CMYK        | 0.00, 0.04, 0.10, 0.30    |
| HSL         | 37°, 11%, 67%             |
| HSV         | 37°, 10%, 70%             |
| XYZ         | 39.7760, 41.6620, 39.6634 |
| YIQ         | 172.8390, 7.7030, -1.9370 |

# Conversions

## Conversions Part 2

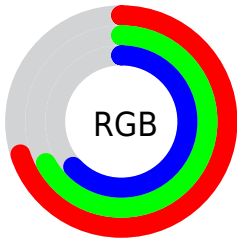
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>RYB</b>                          | 172, 179, 161                |
| Decimal                             | 11775137                     |
| CIELab                              | 70.64, 0.56, 6.54            |
| CIELCh                              | 71, 6.562, 85.129            |
| Yxy                                 | 41.6620, 0.3285,<br>0.3440   |
| Android<br>(android.graphics.Color) | 4289965217<br>(0xFFB3ACA1)   |
| YUV                                 | 172.8390, -5.8366,<br>5.4032 |
| Hunter-Lab                          | 64.5461, -2.9566,<br>8.7487  |

# Details

The Hex color **B3ACA1** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A1A8B3**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **EBE3D8**, and **7E786E** is the 20% darker color. If you saturate the color by 10%, you get **B3A58F**, and if you desaturate by 10%, it is **B3B3B3**.

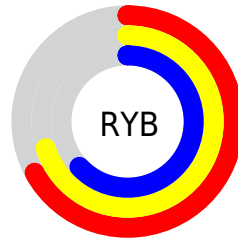
# Distribution



Red (70%)

Green (67%)

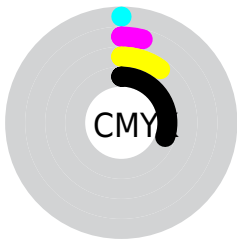
Blue (63%)



Red (67%)

Yellow (70%)

Blue (63%)

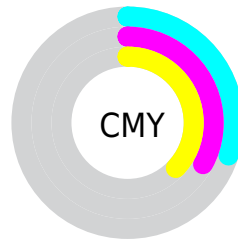


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (30%)



Cyan (30%)

Magenta (33%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3ACA1 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 B3ACA1 by changing the saturation by 10% instead.



 B3ACA1

 B3ACA1

FFFFFF

 989187

 EBE3D8


 7E786E

 FFFFF4

 655F55

 4D473E

 363128

 211C14

 050200

 000000

 B3ACA1

 B3ACA1

 B3A58F

 B3B3B3

 B39E7D

 B3BAC5

 B3976B

 B3C1D7

 B39059

 B3C8E9

 B38948

 B3CFFB

 B38236

 B3D6FF

 B37B24

 B3DDFF

 B37412

 B3E4FF

 B36D00

 B3EBFF

# Harmonies

## Analogous

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



B8AAA3



B3ACA1



ACAEA2

# Triad

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



B3ACA1



9EB0B2



B4AAB4

# Complementary

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



B3ACA1



A1A8B3

# 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.



ADACB8



B3ACA1



A0AFB6

# Square

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



B3ACA1



A0B0AC



A6AEB8



B9A9AE

# Rectangle

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



B3ACA1



A8AFA4



A6AEB8



B2AAB5



# Sweetspot

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



B3ACA1



E8E5E1



B3A1A8



757371



F5F5F5



757575



# Same Dimension

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



B3ACA1



E8DDCC



B1B3A1



595650



995E00



1A1000



# Inverse Universe

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



A1A8B3



CCD7E8



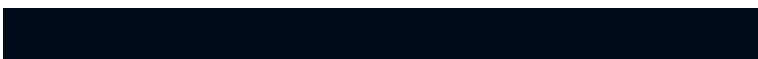
A3A1B3



505459



003B99



000A1A



# Previews

## White Background



This preview shows how the Hex color B3ACA1 looks on a white background.

## Color Contrast Check

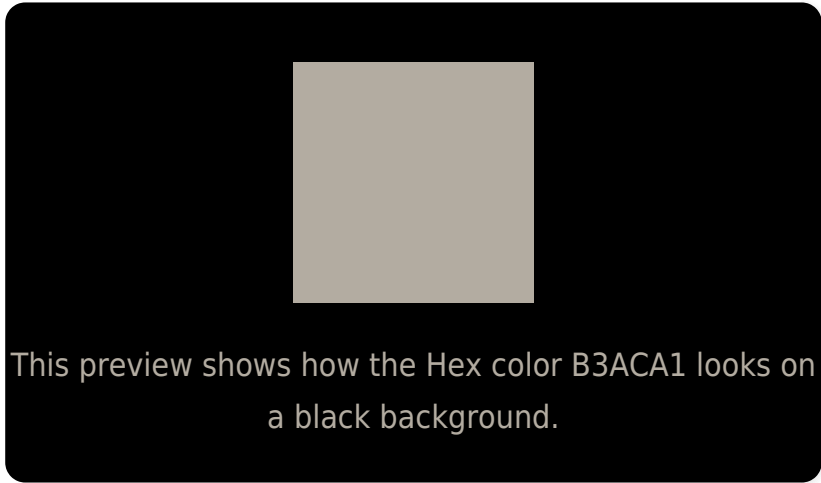
Large Text (above 18pt) WCAG AA × Fail

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

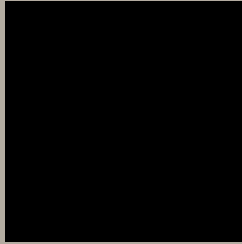
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B3ACA1 Background



This preview shows how black text looks on a background with the Hex color B3ACA1.

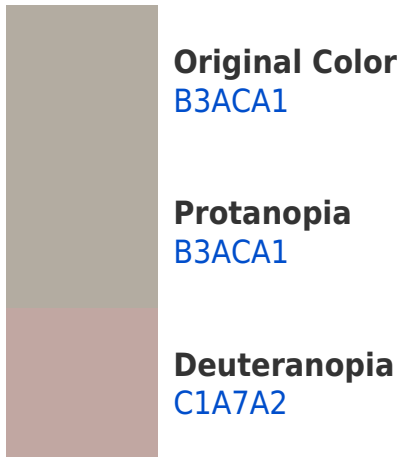


This preview shows how white text looks on a background with the Hex color B3ACA1.

# 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](#).

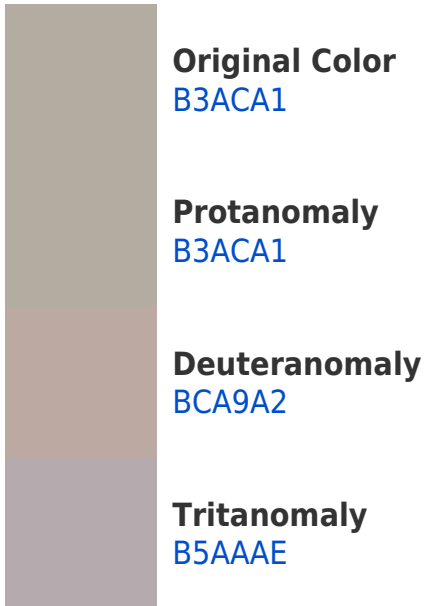
## Dichromacy



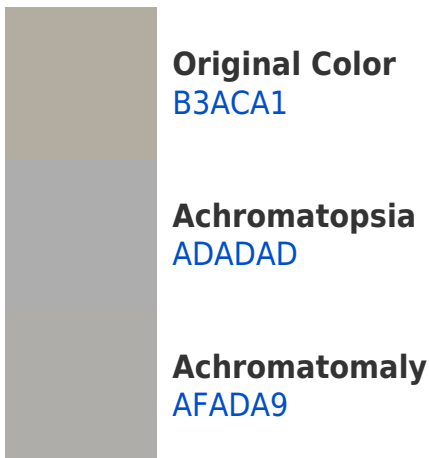


**Tritanopia**  
B6A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3ACA1 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 #B3ACA1 looks like.

```
.text, #text, p{  
    color:#B3ACA1  
}
```

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 #B3ACA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3ACA1  
}
```

## Border

The CSS property to change the border of an element to Hex B3ACA1 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  
#B3ACA1 }
```

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

```
.border{ border-color:#B3ACA1 }
```

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

Here you see how a box with a 4 pixel #B3ACA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3ACA1; -webkit-box-shadow:4px 4px  
4px 4px #B3ACA1; box-shadow:4px 4px 4px  
4px #B3ACA1 }
```

# Background

The CSS property to change the background color of an element to Hex B3ACA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3ACA1 }
```

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

```
.background{ background-color:#B3ACA1 }
```

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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