

# Converting Colors

Hex(B5ACAE)

Have a look what the booklet for  
Hex(B5ACAE) contains.

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# **Color**

**Hex(B5ACAE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5ACAE
RGB	181, 172, 174
RGB Percent	71%, 67%, 68%
CMY	0.2902, 0.3255, 0.3176
CMYK	0.00, 0.05, 0.04, 0.29
HSL	347°, 6%, 69%
HSV	347°, 5%, 71%
XYZ	41.4486, 42.3848, 46.0409
YIQ	174.9190, 4.7220, 2.5300

# Conversions

## Conversions Part 2

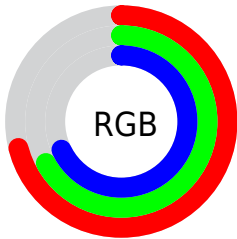
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 172, 174
Decimal	11906222
CIELab	71.14, 3.58, 0.12
CIELCh	71, 3.582, 1.892
Yxy	42.3848, 0.3191, 0.3264
Android (android.graphics.Color)	4290096302 (0xFFB5ACAE)
YUV	174.9190, -0.4531, 5.3330
Hunter-Lab	65.1036, -0.2883, 3.6430

# Details

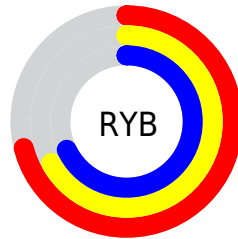
The Hex color **B5ACAE** is a light color, and the websafe version is hex **999999**. A complement of this color would be **ACB5B3**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **EDE3E5**, and **80787A** is the 20% darker color. If you saturate the color by 10%, you get **B59AA0**, and if you desaturate by 10%, it is **B5BEBC**.

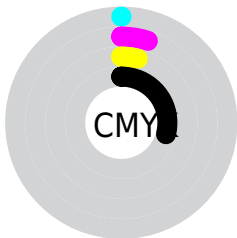
# Distribution



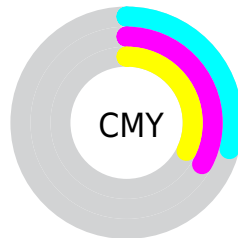
- Red (71%)
- Green (67%)
- Blue (68%)



- Red (71%)
- Yellow (67%)
- Blue (68%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (29%)



- Cyan (29%)
- Magenta (33%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5ACAE 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 B5ACAE by changing the saturation by 10% instead.



 B5ACAE

 B5ACAE

FFFFFF

 9A9193

 EDE3E5

 80787A

 675F61

 4F4749

 383133

 231C1E

 0D0104

 000000

 B5ACAE

 B5ACAE

 B59AA0

 B5BEBC

 B58892

 B5D0CA

 B57684

 B5E2D8

 B56476

 B5F4E6

 B55268

 B5FFF4

 B53F5A

 B5FFFF

 B52D4B

 B51B3D

 B5092F

# Harmonies

## Analogous

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



B3ACB1



B5ACAE



B5ACAB

# Triad

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



B5ACAE



ADAF A9



A8AFB4

# Complementary

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



B5ACAE



ACB5B3

# 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.



A6B0B1



B5ACAE



A9B0AB

# Square

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



B5ACAE



B1AEA8



A7B0AE



ABAEB5

# Rectangle

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



B5ACAE



B5ADA9



A7B0AE



A7B0B3

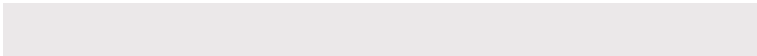


# Sweetspot

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



B5ACAE



EBE8E9



B3ACB5



757474



F5F5F5



757575



# Same Dimension

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



B5ACAE



EBDDE0



B5AEAC



595354



990022



1A0006



# Inverse Universe

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



B5ACAE



EBDDE0



ACB3B5



595354



990022

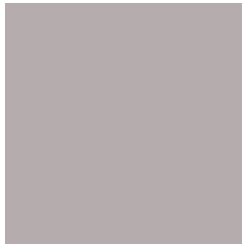


1A0006



# Previews

## White Background



This preview shows how the Hex color B5ACAE looks on a white background.

## Color Contrast Check

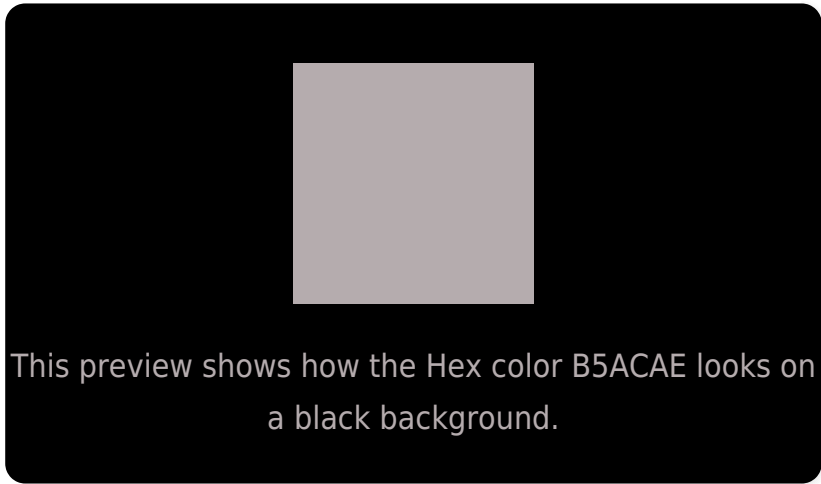
Large Text (above 18pt) WCAG AA × Fail

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

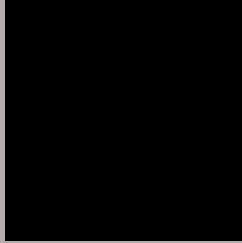
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

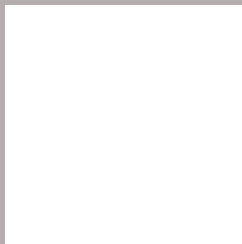
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5ACAE Background



This preview shows how black text looks on a background with the Hex color B5ACAE.

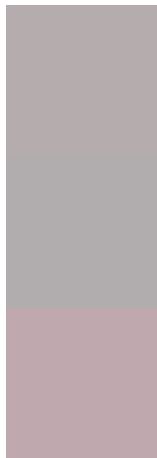


This preview shows how white text looks on a background with the Hex color B5ACAE.

# 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**  
B5ACAE

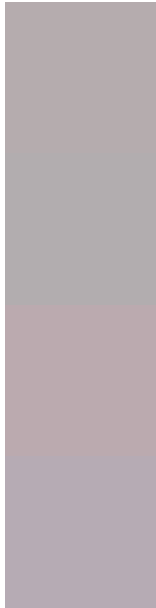
**Protanopia**  
B1ADAF

**Deuteranopia**  
BFA9AF



**Tritanopia**  
B6AAB8

# Trichromacy



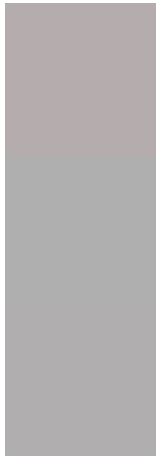
**Original Color**  
B5ACAE

**Protanomaly**  
B2ADAF

**Deuteranomaly**  
BBAAAF

**Tritanomaly**  
B6ABB4

# Monochromacy



**Original Color**  
B5ACAE

**Achromatopsia**  
AFAFAF

**Achromatomaly**  
B1AEAF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5ACAE 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 #B5ACAE looks like.

```
.text, #text, p{  
  color:#B5ACAE  
}
```

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 #B5ACAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5ACAE
}
```

## Border

The CSS property to change the border of an element to Hex B5ACAE 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
#B5ACAE }
```

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

```
.border{ border-color:#B5ACAE }
```

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

Here you see how a box with a 4 pixel #B5ACAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5ACAE; -webkit-box-shadow:4px 4px  
4px 4px #B5ACAE; box-shadow:4px 4px 4px  
4px #B5ACAE }
```

# Background

The CSS property to change the background color of an element to Hex B5ACAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5ACAE }
```

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

```
.background{ background-color:#B5ACAE }
```

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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