

# Converting Colors

Hex(B2ACA9)

Have a look what the booklet for  
Hex(B2ACA9) contains.

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# **Color**

**Hex(B2ACA9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2ACA9
RGB	178, 172, 169
RGB Percent	70%, 67%, 66%
CMY	0.3020, 0.3255, 0.3373
CMYK	0.00, 0.03, 0.05, 0.30
HSL	20°, 6%, 68%
HSV	20°, 5%, 70%
XYZ	40.2741, 41.8346, 43.4883
YIQ	173.4520, 4.5390, 0.3390

# Conversions

## Conversions Part 2

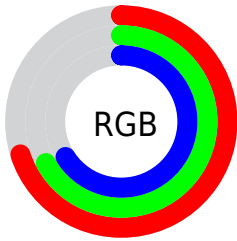
Format	Color
<a href="#">RYB</a>	<a href="#">178, 174, 169</a>
Decimal	<a href="#">11709609</a>
CIELab	<a href="#">70.76, 1.60, 2.29</a>
CIELCh	<a href="#">71, 2.794, 55.143</a>
Yxy	<a href="#">41.8346, 0.3207, 0.3331</a>
Android (android.graphics.Color)	<a href="#">4289899689</a> ( <a href="#">0xFFB2ACA9</a> )
YUV	<a href="#">173.4520, -2.1948, 3.9886</a>
Hunter-Lab	<a href="#">64.6797, -2.0429, 5.4113</a>

# Details

The Hex color **B2ACA9** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A9AFB2**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **EAE3E0**, and **7D7875** is the 20% darker color. If you saturate the color by 10%, you get **B2A097**, and if you desaturate by 10%, it is **B2B8BB**.

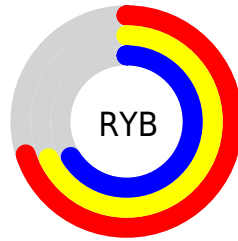
# Distribution



Red (70%)

Green (67%)

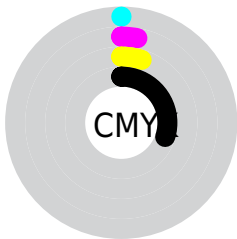
Blue (66%)



Red (70%)

Yellow (68%)

Blue (66%)

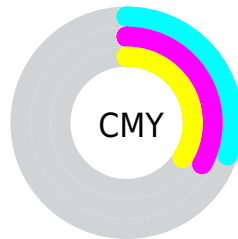


Cyan (0%)

Magenta (3%)

Yellow (5%)

Black (30%)



Cyan (30%)

Magenta (33%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2ACA9 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 B2ACA9 by changing the saturation by 10% instead.



 B2ACA9

 B2ACA9

FFFFFF

 97918F

 EAE3E0

 7D7875

FFFFFFD

 645F5C

 4D4745

 36312F

 201C1A

 080100

 000000

 B2ACA9

 B2ACA9

 B2A097

 B2B8BB

 B29485

 B2C4CD

 B28874

 B2D0DE

 B27D62

 B2DBF0

 B27150

 B2E7FF

 B2653E

 B2F3FF

 B2592C

 B2FFFF

 B24D1B

 B24109

# Harmonies

## Analogous

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



B3ACAB



B2ACA9



B0ADA8

# Triad

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



B2ACA9



A8AFAD



ADADB2

# Complementary

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



B2ACA9



A9AFB2

# 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.



AAADB2



B2ACA9



A7AFAF

# Square

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



B2ACA9



AAAEAA



A8AEB1



B0ACB0

# Rectangle

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



B2ACA9



AEADA8



A8AEB1



ACADB2

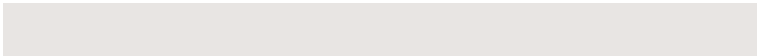


# Sweetspot

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



B2ACA9



E8E5E3



B2A9AF



757473



F5F5F5



757575

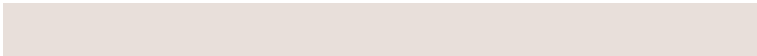


# Same Dimension

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



B2ACA9



E8DFDA



B2B1A9



595553



993300



1A0900

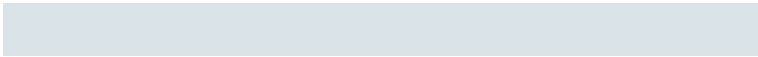


# Inverse Universe

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



A9AFB2



DAE3E8



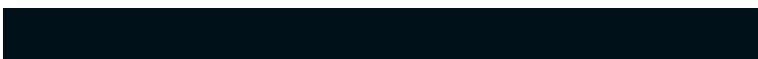
A9ABB2



535759



006699

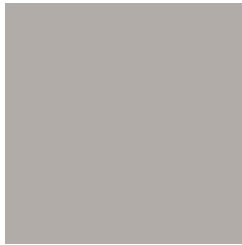


00111A



# Previews

## White Background



This preview shows how the Hex color B2ACA9 looks on a white background.

## Color Contrast Check

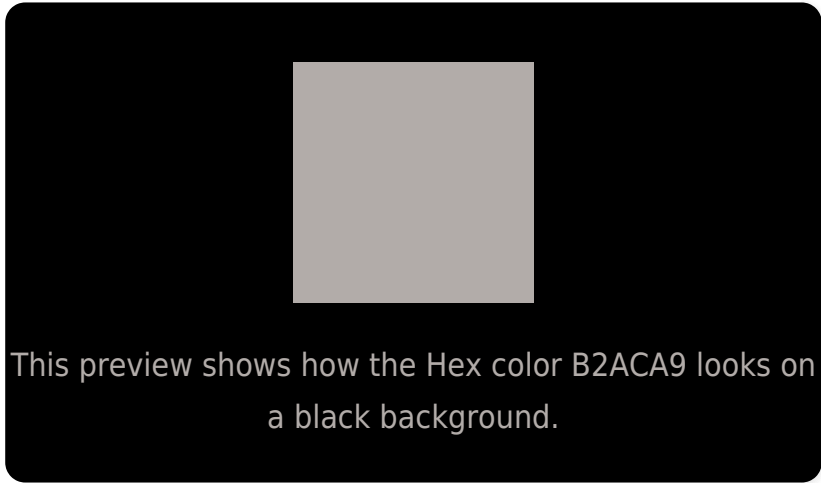
Large Text (above 18pt) WCAG AA × Fail

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

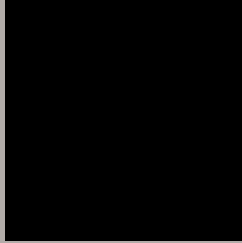
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

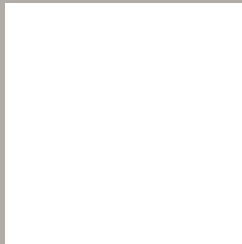
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B2ACA9 Background



This preview shows how black text looks on a background with the Hex color B2ACA9.

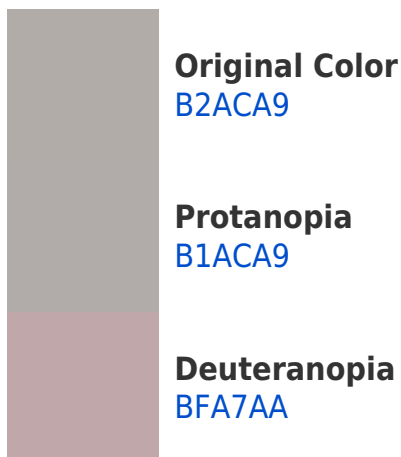


This preview shows how white text looks on a background with the Hex color B2ACA9.

# 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](#).

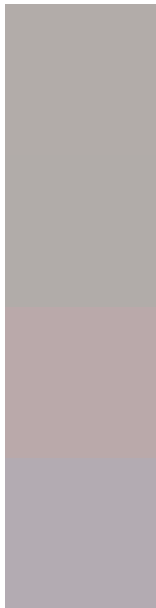
## Dichromacy





**Tritanopia**  
B4AAB7

# Trichromacy



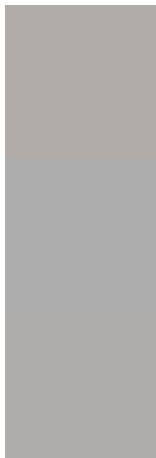
**Original Color**  
B2ACA9

**Protanomaly**  
B1ACA9

**Deuteranomaly**  
BAA9AA

**Tritanomaly**  
B3ABB2

# Monochromacy



**Original Color**  
B2ACA9

**Achromatopsia**  
ADADAD

**Achromatomaly**  
AFADAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2ACA9 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 #B2ACA9 looks like.

```
.text, #text, p{  
    color:#B2ACA9  
}
```

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 #B2ACA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2ACA9
}
```

## Border

The CSS property to change the border of an element to Hex B2ACA9 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
#B2ACA9 }
```

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

```
.border{ border-color:#B2ACA9 }
```

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

Here you see how a box with a 4 pixel #B2ACA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2ACA9; -webkit-box-shadow:4px 4px  
4px 4px #B2ACA9; box-shadow:4px 4px 4px  
4px #B2ACA9 }
```

# Background

The CSS property to change the background color of an element to Hex B2ACA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2ACA9 }
```

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

```
.background{ background-color:#B2ACA9 }
```

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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