

# Converting Colors

Hex(B2ACB9)

Have a look what the booklet for  
Hex(B2ACB9) contains.

<b>Hex(B2ACB9)</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(B2ACB9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2ACB9
RGB	178, 172, 185
RGB Percent	70%, 67%, 73%
CMY	0.3020, 0.3255, 0.2745
CMYK	0.04, 0.07, 0.00, 0.27
HSL	268°, 8%, 70%
HSV	268°, 7%, 73%
XYZ	41.8696, 42.4728, 51.8902
YIQ	175.2760, -0.5970, 5.3150

# Conversions

## Conversions Part 2

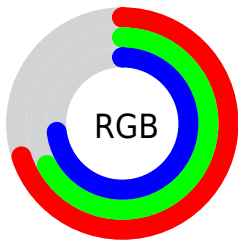
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 172, 185
Decimal	11709625
CIELab	71.20, 4.60, -5.88
CIELCh	71, 7.468, 308.021
Yxy	42.4728, 0.3073, 0.3118
Android (android.graphics.Color)	4289899705 (0xFFB2ACB9)
YUV	175.2760, 4.7939, 2.3889
Hunter-Lab	65.1712, 0.6288, -1.5878

# Details

The Hex color **B2ACB9** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B3B9AC**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **EAE3F1**, and **7D7884** is the 20% darker color. If you saturate the color by 10%, you get **A89AB9**, and if you desaturate by 10%, it is **BCBFB9**.

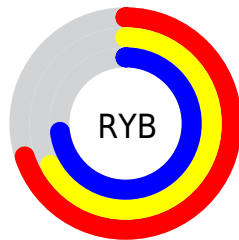
# Distribution



Red (70%)

Green (67%)

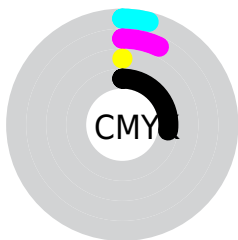
Blue (73%)



Red (70%)

Yellow (67%)

Blue (73%)

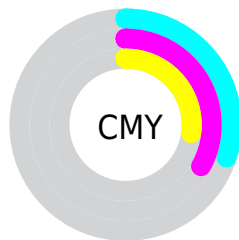


Cyan (4%)

Magenta (7%)

Yellow (0%)

Black (27%)



Cyan (30%)

Magenta (33%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2ACB9 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 B2ACB9 by changing the saturation by 10% instead.



 B2ACB9

 B2ACB9

FFFFFF

 97919E

 EAE3F1

 7D7884

 645F6B

 4C4753

 36313C

 201C26

 0A0111

 000000

 B2ACB9

 B2ACB9

 A89AB9

 BCBFB9

 9E87B9

 C6D1B9

 9475B9

 D0E4B9

 8A62B9

 DAF6B9

 8050B9

 E4FFB9

 763DB9

 EEFFB9

 6C2BB9

 F8FFB9

 6218B9

 FFFFB9

 5806B9

# Harmonies

## Analogous

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



AAAEB3



B2ACB9



B9AAB4

# Triad

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



B2ACB9



B9ACA2



9EB2B0

# Complementary

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



B2ACB9



B3B9AC

# 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.



A3B2A9



B2ACB9



B2AEA1

# Square

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



B2ACB9



BDAAA6



AAB0A3



9EB2B6

# Rectangle

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



B2ACB9



BCAAAF



AAB0A3



A0B2AE

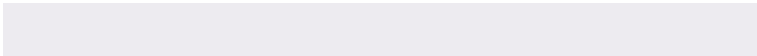


# Sweetspot

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



B2ACB9



EDEBF0



ACB3B9



777578



F7F7F7



787878



# Same Dimension

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



B2ACB9



E5DDF0



B8ACB9



57535C



48009C



0D001C



# Inverse Universe

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



B9ACB3



F0DDE7



ADB9AC



5C5358



9C0054



1C000F



# Previews

## White Background



This preview shows how the Hex color B2ACB9 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



This preview shows how the Hex color B2ACB9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

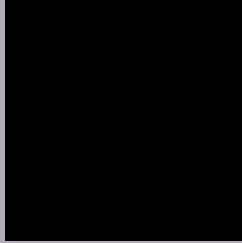
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

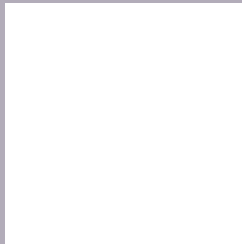
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B2ACB9 Background



This preview shows how black text looks on a background with the Hex color B2ACB9.



This preview shows how white text looks on a background with the Hex color B2ACB9.

# 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**  
B2ACB9

**Protanopia**  
AEADBA

**Deuteranopia**  
BAA9BA



**Tritanopia**  
B2ACB9

# Trichromacy



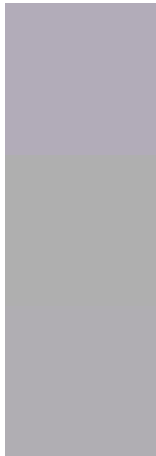
**Original Color**  
B2ACB9

**Protanomaly**  
AFADBA

**Deuteranomaly**  
B7AABA

**Tritanomaly**  
B2ACB9

# Monochromacy



**Original Color**  
B2ACB9

**Achromatopsia**  
AFAFAF

**Achromatomaly**  
B0AEB3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2ACB9 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 #B2ACB9 looks like.

```
.text, #text, p{  
    color:#B2ACB9  
}
```

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 #B2ACB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2ACB9
}
```

## Border

The CSS property to change the border of an element to Hex B2ACB9 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
#B2ACB9 }
```

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

```
.border{ border-color:#B2ACB9 }
```

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

Here you see how a box with a 4 pixel #B2ACB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2ACB9; -webkit-box-shadow:4px 4px  
4px 4px #B2ACB9; box-shadow:4px 4px 4px  
4px #B2ACB9 }
```

# Background

The CSS property to change the background color of an element to Hex B2ACB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2ACB9 }
```

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

```
.background{ background-color:#B2ACB9 }
```

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