

# Converting Colors

Hex(B9AAC9)

Have a look what the booklet for  
Hex(B9AAC9) contains.

<b>Hex(B9AAC9)</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(B9AAC9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9AAC9
RGB	185, 170, 201
RGB Percent	73%, 67%, 79%
CMY	0.2745, 0.3333, 0.2118
CMYK	0.08, 0.15, 0.00, 0.21
HSL	269°, 22%, 73%
HSV	269°, 15%, 79%
XYZ	44.9249, 43.2808, 61.2446
YIQ	178.0190, -1.0110, 12.8210

# Conversions

## Conversions Part 2

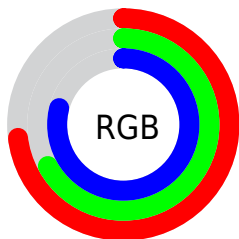
<b>Format</b>	<b>Color</b>
<b>RYB</b>	185, 170, 201
Decimal	12167881
CIELab	71.75, 11.27, -13.81
CIELCh	72, 17.824, 309.216
Yxy	43.2808, 0.3006, 0.2896
Android (android.graphics.Color)	4290357961 (0xFFB9AAC9)
YUV	178.0190, 11.3296, 6.1223
Hunter-Lab	65.7881, 6.7636, -9.1435

# Details

The Hex color **B9AAC9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BAC9AA**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **F1E1FF**, and **847693** is the 20% darker color. If you saturate the color by 10%, you get **AF96C9**, and if you desaturate by 10%, it is **C3BEC9**.

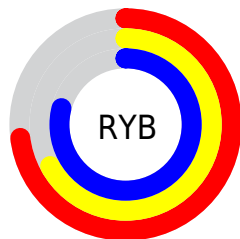
# Distribution



Red (73%)

Green (67%)

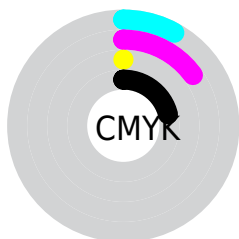
Blue (79%)



Red (73%)

Yellow (67%)

Blue (79%)

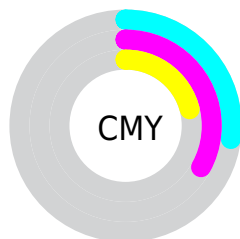


Cyan (8%)

Magenta (15%)

Yellow (0%)

Black (21%)



Cyan (27%)

Magenta (33%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9AAC9 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 B9AAC9 by changing the saturation by 10% instead.



 B9AAC9

 B9AAC9

FFFFFF

 9E90AE

 F1E1FF

 847693

FFFEFF

 6A5D79

 524660

 3B2F49

 251A32

 12001D

 000000

 B9AAC9

 B9AAC9

AF96C9

C3BEC9

A482C9

CED2C9

9A6EC9

D8E6C9

905AC9

E2FAC9

8546C9

EDFFC9

7B31C9

F7FFC9

701DC9

FFFFC9

6609C9

6100C9

# Harmonies

## Analogous

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



A4AFD0



B9AAC9



C9A6BC

# Triad

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



B9AAC9



C7AB92



87B9B4

# Complementary

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



B9AAC9



BAC9AA

# 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.



93B8A4



B9AAC9



B7B090

# Square

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



B9AAC9



D0A69C



A5B596



85B8C4

# Rectangle

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



B9AAC9



D0A5B1



A5B596



8AB9AF



# Sweetspot

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



B9AAC9



F8F2FF



AABAC9



7C7880



000000



808080



# Same Dimension

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



B9AAC9



E6CFFF



C8AAC9



5E5A63



4F00A3



110024



# Inverse Universe

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



C9AABA



FFCFE8



ABC9AA



635A5F



A30054



240012



# Previews

## White Background



This preview shows how the Hex color B9AAC9 looks on a white background.

## Color Contrast Check

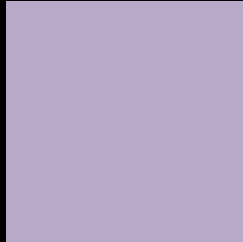
Large Text (above 18pt) WCAG AA × Fail

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 B9AAC9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

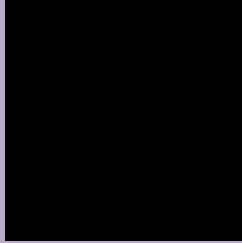
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B9AAC9 Background



This preview shows how black text looks on a background with the Hex color B9AAC9.



This preview shows how white text looks on a background with the Hex color B9AAC9.

# 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**  
B9AAC9

**Protanopia**  
AAAECC

**Deuteranopia**  
B5ABC9



**Tritanopia**  
B7ADBA

# Trichromacy



**Original Color**  
B9AAC9

**Protanomaly**  
AFADCB

**Deuteranomaly**  
B6ABC9

**Tritanomaly**  
B8ACBF

# Monochromacy



**Original Color**  
B9AAC9

**Achromatopsia**  
B2B2B2

**Achromatomaly**  
B5AFBA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9AAC9 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 #B9AAC9 looks like.

```
.text, #text, p{  
    color:#B9AAC9  
}
```

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 #B9AAC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9AAC9
}
```

## Border

The CSS property to change the border of an element to Hex B9AAC9 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
#B9AAC9 }
```

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

```
.border{ border-color:#B9AAC9 }
```

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

Here you see how a box with a 4 pixel #B9AAC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9AAC9; -webkit-box-shadow:4px 4px  
4px 4px #B9AAC9; box-shadow:4px 4px 4px  
4px #B9AAC9 }
```

# Background

The CSS property to change the background color of an element to Hex B9AAC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9AAC9 }
```

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

```
.background{ background-color:#B9AAC9 }
```

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