

# Converting Colors

Hex(B1AA9F)

Have a look what the booklet for  
Hex(B1AA9F) contains.

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# **Color**

**Hex(B1AA9F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1AA9F
RGB	177, 170, 159
RGB Percent	69%, 67%, 62%
CMY	0.3059, 0.3333, 0.3765
CMYK	0.00, 0.04, 0.10, 0.31
HSL	37°, 10%, 66%
HSV	37°, 10%, 69%
XYZ	38.7642, 40.5998, 38.5943
YIQ	170.8390, 7.7030, -1.9370

# Conversions

## Conversions Part 2

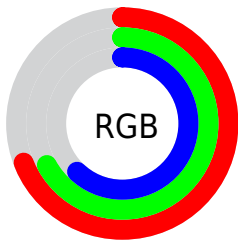
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 177, 159
Decimal	11643551
CIELab	69.89, 0.56, 6.55
CIELCh	70, 6.576, 85.116
Yxy	40.5998, 0.3286, 0.3442
Android (android.graphics.Color)	4289833631 (0xFFB1AA9F)
YUV	170.8390, -5.8366, 5.4032
Hunter-Lab	63.7179, -2.9121, 8.6903

# Details

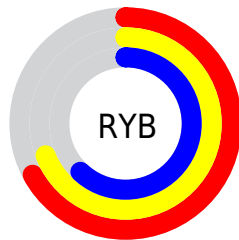
The Hex color **B1AA9F** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9FA6B1**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **E9E1D6**, and **7C766C** is the 20% darker color. If you saturate the color by 10%, you get **B1A38D**, and if you desaturate by 10%, it is **B1B1B1**.

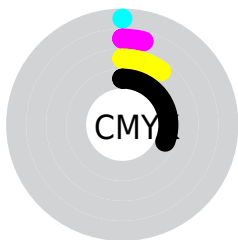
# Distribution



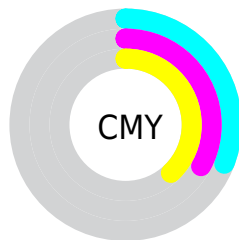
- Red (69%)
- Green (67%)
- Blue (62%)



- Red (67%)
- Yellow (69%)
- Blue (62%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (31%)



- Cyan (31%)
- Magenta (33%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1AA9F 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 B1AA9F by changing the saturation by 10% instead.





B1AA9F



B1AA9F

FFFFFF



969085



E9E1D6



7C766C



FFFEF2



635D53



4B463C



352F27



1F1B12



000000



B1AA9F



B1AA9F



B1A38D



B1B1B1

 B19C7C

 B1B8C2

 B1956A

 B1BFD4

 B18E58

 B1C6E6

 B18847

 B1CCF8

 B18135

 B1D3FF

 B17A23

 B1DAFF

 B17311

 B1E1FF

 B16C00

 B1E8FF

# Harmonies

## Analogous

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



B6A8A1



B1AA9F



AAACA0

# Triad

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



B1AA9F



9CAEB0



B2A8B2

# Complementary

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



B1AA9F



9FA6B1

# 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.



ABAAB6



B1AA9F



9EADB4

# Square

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



B1AA9F



9EAEAA



A4ACB6



B7A7AC

# Rectangle

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



B1AA9F



A6ADA2



A4ACB6



B0A8B3



# Sweetspot

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



B1AA9F



E6E3DF



B19FA6



73716E



F2F2F2



737373



# Same Dimension

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



B1AA9F



E6DBCA



AFB19F



595650



995D00



1A1000



# Inverse Universe

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



9FA6B1



CAD5E6



A19FB1



505459



003C99



000A1A



# Previews

## White Background



This preview shows how the Hex color B1AA9F looks on a white background.

## Color Contrast Check

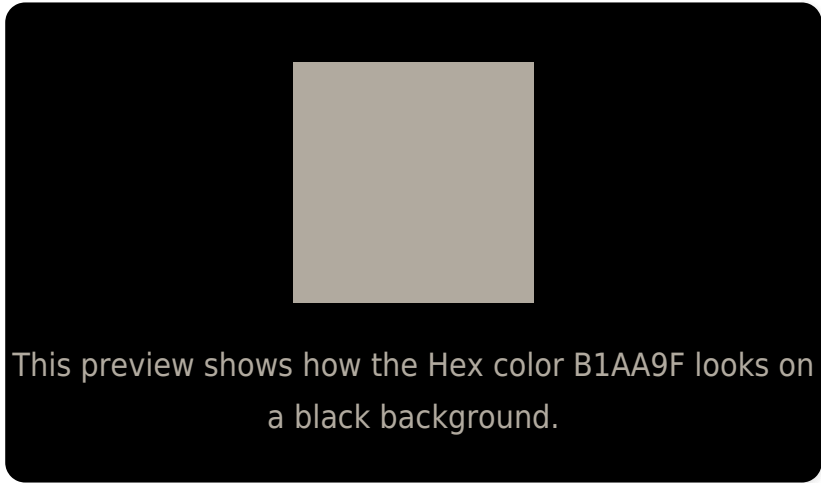
Large Text (above 18pt) WCAG AA × Fail

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

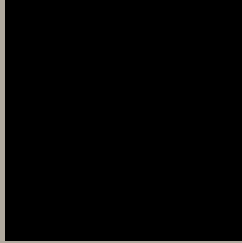
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

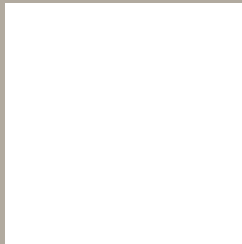
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B1AA9F Background



This preview shows how black text looks on a background with the Hex color B1AA9F.

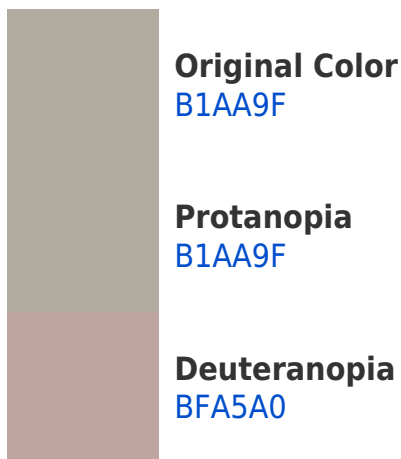


This preview shows how white text looks on a background with the Hex color B1AA9F.

# 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**  
B4A7B4

# Trichromacy



**Original Color**  
B1AA9F

**Protanomaly**  
B1AA9F

**Deuteranomaly**  
BAA7A0

**Tritanomaly**  
B3A8AC

# Monochromacy



**Original Color**  
B1AA9F

**Achromatopsia**  
ABABAB

**Achromatomaly**  
ADABA7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1AA9F 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 #B1AA9F looks like.

```
.text, #text, p{  
    color:#B1AA9F  
}
```

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 #B1AA9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1AA9F
}
```

## Border

The CSS property to change the border of an element to Hex B1AA9F is called "border". The border property can be set on classes, ids or directly on the HTML element.

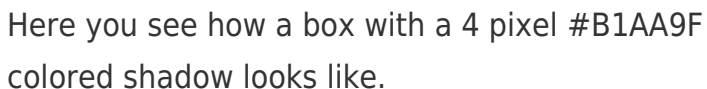
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B1AA9F }
```

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

```
.border{ border-color:#B1AA9F }
```

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



Here you see how a box with a 4 pixel #B1AA9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1AA9F; -webkit-box-shadow:4px 4px  
4px 4px #B1AA9F; box-shadow:4px 4px 4px  
4px #B1AA9F }
```

# Background

The CSS property to change the background color of an element to Hex B1AA9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1AA9F }
```

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

```
.background{ background-color:#B1AA9F }
```

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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