

# Converting Colors

Hex(B1AEBB)

Have a look what the booklet for  
Hex(B1AE~~B~~B) contains.

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# **Color**

**Hex(B1AEBB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1AEBB
RGB	177, 174, 187
RGB Percent	69%, 68%, 73%
CMY	0.3059, 0.3176, 0.2667
CMYK	0.05, 0.07, 0.00, 0.27
HSL	254°, 9%, 71%
HSV	254°, 7%, 73%
XYZ	42.2372, 43.2071, 53.1274
YIQ	176.3790, -2.3850, 4.6790

# Conversions

## Conversions Part 2

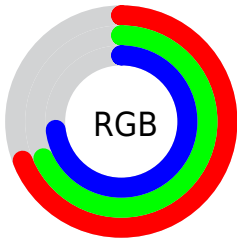
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 174, 187
Decimal	11644603
CIELab	71.70, 3.56, -6.25
CIELCh	72, 7.194, 299.627
Yxy	43.2071, 0.3048, 0.3118
Android (android.graphics.Color)	4289834683 (0xFFB1AEBB)
YUV	176.3790, 5.2362, 0.5446
Hunter-Lab	65.7321, -0.3333, -1.9082

# Details

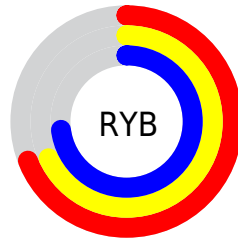
The Hex color **B1AEBB** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B8BBAE**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **E9E5F3**, and **7C7A86** is the 20% darker color. If you saturate the color by 10%, you get **A39BBB**, and if you desaturate by 10%, it is **BFC1BB**.

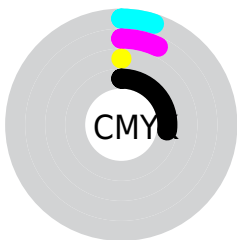
# Distribution



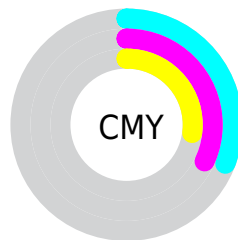
- Red (69%)
- Green (68%)
- Blue (73%)



- Red (69%)
- Yellow (68%)
- Blue (73%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (27%)



- Cyan (31%)
- Magenta (32%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1AEBB 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 B1AEBB by changing the saturation by 10% instead.



 B1AEBB

 B1AEBB

FFFFFF

 9693A0

 E9E5F3


 7C7A86

 64616D

 4C4954

 35333D

 201E27

 080413

 000000

 B1AEBB

 B1AEBB

 A39BBB

 BFC1BB

 9489BB

 CED3BB

 8676BB

 DCE6BB

 7763BB

 EBF9BB

 6951BB

 F9FFBB

 5B3EBB

 FFFFBB

 4C2BBB

 3E18BB

 3006BB

# Harmonies

## Analogous

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



A9B0BD



B1AEBB



B8ACB6

# Triad

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



B1AEBB



BBADA5



A1B4AF

# Complementary

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



B1AEBB



B8BBAE

# 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.



A7B3A9



B1AEBB



B5AFA3

# Square

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



B1AEBB



BEACA9



AEB1A4



A0B3B6

# Rectangle

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



B1AEBB



BCABB2



AEB1A4



A3B3AD



# Sweetspot

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



B1AEBB



EFEDF2



AEB8BB



79787A



FAFAFA



7A7A7A



# Same Dimension

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



B1AEBB



E3DFF2



B7AEBB



57555E



24009E



07001F



# Inverse Universe

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



BBAEB8



F2DFEE



B2BBAE



5E555C



9E007A

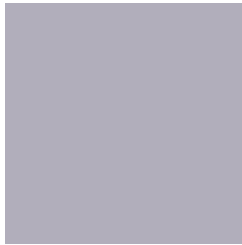


1F0018



# Previews

## White Background



This preview shows how the Hex color B1AEBB looks on a white background.

## Color Contrast Check

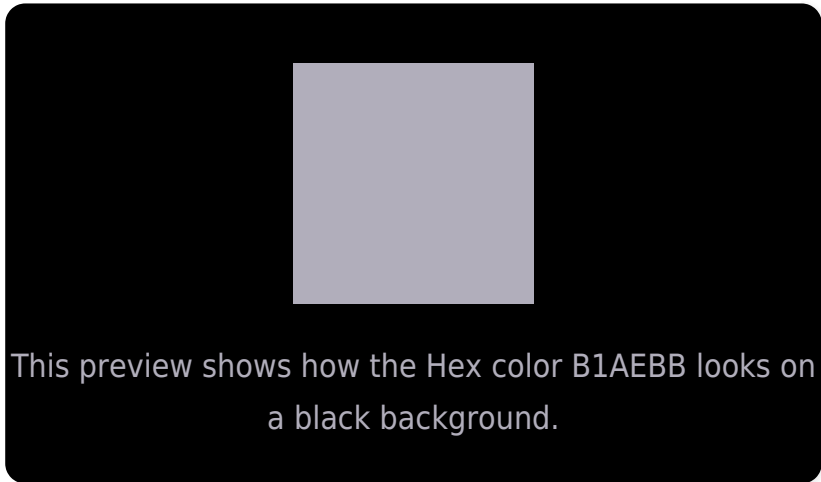
Large Text (above 18pt) WCAG AA × Fail

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

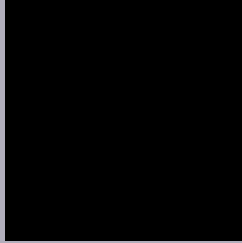
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B1AEBB Background



This preview shows how black text looks on a background with the Hex color B1AEBB.

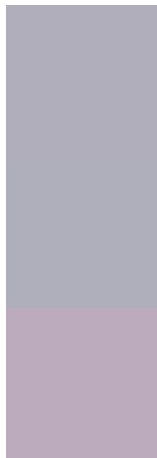


This preview shows how white text looks on a background with the Hex color B1AEBB.

# 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**  
B1AEBB

**Protanopia**  
AFAFBB

**Deuteranopia**  
BBABBC



# Trichromacy



**Original Color**  
B1AEBB

**Protanomaly**  
B0AFBB

**Deuteranomaly**  
B7ACBC

**Tritanomaly**  
B1AEBC

# Monochromacy



**Original Color**  
B1AEBB

**Achromatopsia**  
B0B0B0

**Achromatomaly**  
B0AFB4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1AEBB 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 #B1AEBB looks like.

```
.text, #text, p{  
    color:#B1AEBB  
}
```

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 #B1AEBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1AEBB
}
```

## Border

The CSS property to change the border of an element to Hex B1AEBB is called "border". The border property can be set on classes, ids or directly on the HTML element.

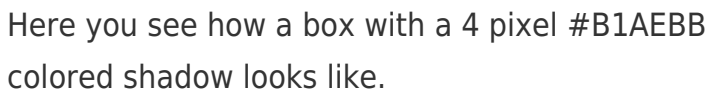
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B1AEBB }
```

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

```
.border{ border-color:#B1AEBB }
```

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



Here you see how a box with a 4 pixel #B1AEBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1AEBB; -webkit-box-shadow:4px 4px  
4px 4px #B1AEBB; box-shadow:4px 4px 4px  
4px #B1AEBB }
```

# Background

The CSS property to change the background color of an element to Hex B1AEBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1AEBB }
```

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

```
.background{ background-color:#B1AEBB }
```

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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