

# Converting Colors

Hex(B4AEB7)

Have a look what the booklet for  
Hex(B4AEB7) contains.

<b>Hex(B4AEB7)</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(B4AEB7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4AEB7
RGB	180, 174, 183
RGB Percent	71%, 68%, 72%
CMY	0.2941, 0.3176, 0.2824
CMYK	0.02, 0.05, 0.00, 0.28
HSL	280°, 6%, 70%
HSV	280°, 5%, 72%
XYZ	42.5057, 43.3943, 50.9354
YIQ	176.8200, 0.6870, 4.0710

# Conversions

## Conversions Part 2

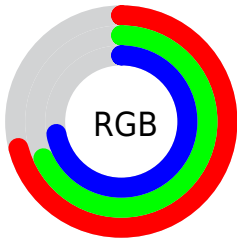
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 174, 183
Decimal	11841207
CIELab	71.82, 3.82, -3.84
CIElCh	72, 5.415, 314.840
Yxy	43.3943, 0.3106, 0.3171
Android (android.graphics.Color)	4290031287 (0xFFB4AEB7)
YUV	176.8200, 3.0467, 2.7889
Hunter-Lab	65.8743, -0.1023, 0.2678




# Details

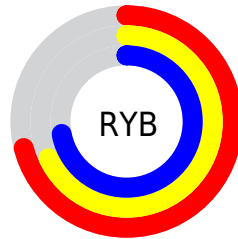
The Hex color **B4AEB7** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B1B7AE**, and the grayscale version is **B1B1B1**.




A 20% lighter version of the original color is **ECE5EF**, and **7F7A82** is the 20% darker color. If you saturate the color by 10%, you get **AE9CB7**, and if you desaturate by 10%, it is **BAC0B7**.

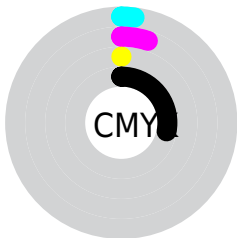
# Distribution







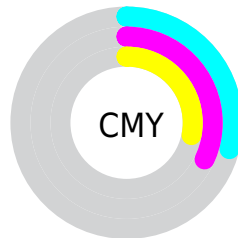
-  Red (71%)
-  Green (68%)
-  Blue (72%)






-  Red (71%)
-  Yellow (68%)
-  Blue (72%)



-  Cyan (2%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (28%)



-  Cyan (29%)
-  Magenta (32%)
-  Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4AEB7 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 B4AEB7 by changing the saturation by 10% instead.



 B4AEB7

 B4AEB7

FFFFFF

 99939C

 ECE5EF

 7F7A82

 666169

 4E4951

 37333A

 221E24

 0C040F

 000000

 B4AEB7

 B4AEB7

AE9CB7

BAC0B7

A889B7

C0D3B7

A277B7

C6E5B7

9C65B7

CCF7B7

9653B7

D2FFB7

8F40B7

D9FFB7

892EB7

DFFFB7

831CB7

E5FFB7

7D09B7

EBFFB7

# Harmonies

## Analogous

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



AEB0B9



B4AEB7



B9ADB3

# Triad

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



B4AEB7



B7AFA7



A4B3B2

# Complementary

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



B4AEB7



B1B7AE

# 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.



A7B3AD



B4AEB7



B2B0A6

# Square

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



B4AEB7



BAADA9



ACB2A9



A5B2B7

# Rectangle

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



B4AEB7



BBADAF



ACB2A9



A5B3B1



# Sweetspot

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



B4AEB7



ECEBED



AEB1B7



777778



F7F7F7



787878



# Same Dimension

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



B4AEB7



E8DFED



B7AEB6



5A555C



68009C



13001C



# Inverse Universe

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



B7AEB1



EDDFE4



AEB7B0



5C5558



9C0034

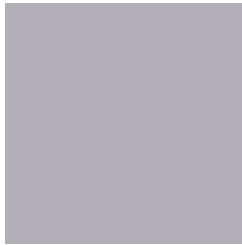


1C0009



# Previews

## White Background



This preview shows how the Hex color B4AEB7 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 B4AEB7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

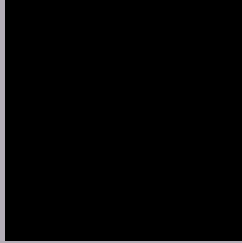
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B4AEB7 Background



This preview shows how black text looks on a background with the Hex color B4AEB7.



This preview shows how white text looks on a background with the Hex color B4AEB7.

# 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**  
B4AEB7

**Protanopia**  
B1AFB8

**Deuteranopia**  
BDABB8



**Tritanopia**  
B5ADBB

# Trichromacy



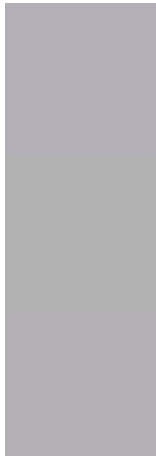
**Original Color**  
B4AEB7

**Protanomaly**  
B2AFB8

**Deuteranomaly**  
BAACB8

**Tritanomaly**  
B5ADBA

# Monochromacy



**Original Color**  
B4AEB7

**Achromatopsia**  
B1B1B1

**Achromatomaly**  
B2B0B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4AEB7 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 #B4AEB7 looks like.

```
.text, #text, p{  
    color:#B4AEB7  
}
```

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 #B4AEB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4AEB7  
}
```

## Border

The CSS property to change the border of an element to Hex B4AEB7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

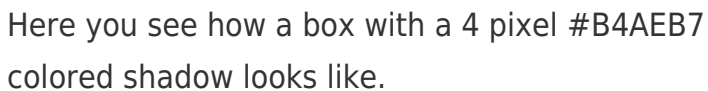
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B4AEB7 }
```

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

```
.border{ border-color:#B4AEB7 }
```

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



Here you see how a box with a 4 pixel #B4AEB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4AEB7; -webkit-box-shadow:4px 4px  
4px 4px #B4AEB7; box-shadow:4px 4px 4px  
4px #B4AEB7 }
```

# Background

The CSS property to change the background color of an element to Hex B4AEB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4AEB7 }
```

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

```
.background{ background-color:#B4AEB7 }
```

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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