

# Converting Colors

Hex(B5AEB5)

Have a look what the booklet for  
Hex(B5AEB5) contains.

<b>Hex(B5AEB5)</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(B5AEB5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5AEB5
RGB	181, 174, 181
RGB Percent	71%, 68%, 71%
CMY	0.2902, 0.3176, 0.2902
CMYK	0.00, 0.04, 0.00, 0.29
HSL	300°, 5%, 70%
HSV	300°, 4%, 71%
XYZ	42.5326, 43.4321, 49.8576
YIQ	176.8910, 1.9250, 3.6610

# Conversions

## Conversions Part 2

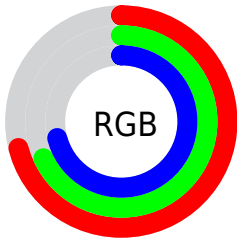
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 174, 181
Decimal	11906741
CIELab	71.85, 3.79, -2.69
CIELCh	72, 4.649, 324.600
Yxy	43.4321, 0.3131, 0.3198
Android (android.graphics.Color)	4290096821 (0xFFB5AEB5)
YUV	176.8910, 2.0257, 3.6036
Hunter-Lab	65.9030, -0.1296, 1.2775

# Details

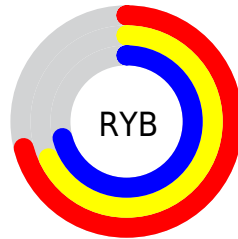
The Hex color **B5AEB5** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AEB5AE**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **EDE5ED**, and **807A80** is the 20% darker color. If you saturate the color by 10%, you get **B59CB5**, and if you desaturate by 10%, it is **B5C0B5**.

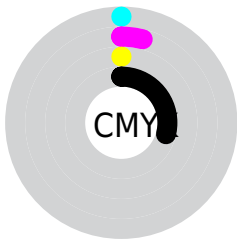
# Distribution



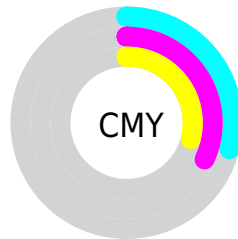
- Red (71%)
- Green (68%)
- Blue (71%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (29%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color B5AEB5 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 B5AEB5 by changing the saturation by 10% instead.





B5AEB5



B5AEB5

FFFFFF



9A939A



EDE5ED



807A80



676167



4F494F



383338



231E23



0D040D



000000



B5AEB5



B5AEB5

 B59CB5

 B5C0B5

 B58AB5

 B5D2B5

 B578B5

 B5E4B5

 B566B5

 B5F6B5

 B554B5

 B5FFB5

 B541B5

 B52FB5

 B51DB5

 B50BB5

# Harmonies

## Analogous

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



B0AFB8



B5AEB5



B8ADB1

# Triad

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



B5AEB5



B5AFA8



A6B3B3

# Complementary

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



B5AEB5



AEB5AE

# 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.



A7B3AF



B5AEB5



B0B1A8

# Square

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



B5AEB5



B8AEA9



ABB2AB



A7B2B7

# Rectangle

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



B5AEB5



B9ADAE



ABB2AB



A6B3B2



# Sweetspot

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



B5AEB5



EBE8EB



AEAEB5



757475



F5F5F5



757575



# Same Dimension

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



B5AEB5



EBDFEB



B5AEB2



595459



990099



1A001A



# Inverse Universe

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



B5AEB5



EBDFEB



AEB5B2



595459



990099

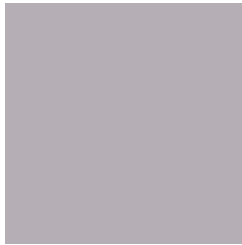


1A001A



# Previews

## White Background



This preview shows how the Hex color B5AEB5 looks on a white background.

## Color Contrast Check

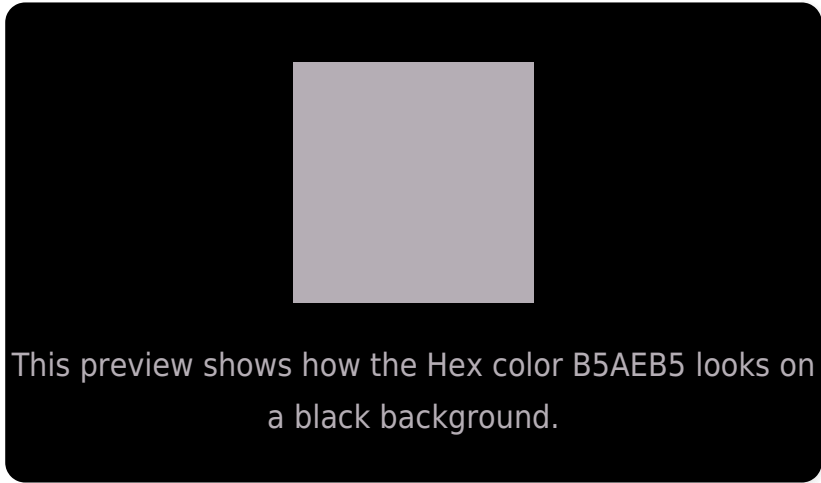
Large Text (above 18pt) WCAG AA × Fail

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

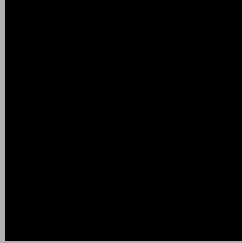
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

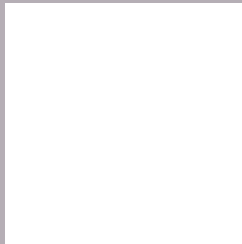
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5AEB5 Background



This preview shows how black text looks on a background with the Hex color B5AEB5.



This preview shows how white text looks on a background with the Hex color B5AEB5.

# 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**  
B5AEB5

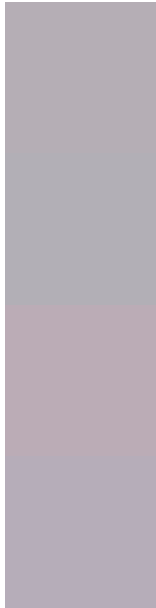
**Protanopia**  
B1AFB6

**Deuteranopia**  
BEABB6



**Tritanopia**  
B6ADBB

# Trichromacy



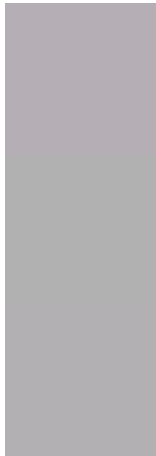
**Original Color**  
B5AEB5

**Protanomaly**  
B2AFB6

**Deuteranomaly**  
BBACB6

**Tritanomaly**  
B6ADB9

# Monochromacy



**Original Color**  
B5AEB5

**Achromatopsia**  
B1B1B1

**Achromatomaly**  
B2B0B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5AEB5 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 #B5AEB5 looks like.

```
.text, #text, p{  
    color:#B5AEB5  
}
```

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 #B5AEB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5AEB5  
}
```

## Border

The CSS property to change the border of an element to Hex B5AEB5 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  
#B5AEB5 }
```

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

```
.border{ border-color:#B5AEB5 }
```

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

Here you see how a box with a 4 pixel #B5AEB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5AEB5; -webkit-box-shadow:4px 4px  
4px 4px #B5AEB5; box-shadow:4px 4px 4px  
4px #B5AEB5 }
```

# Background

The CSS property to change the background color of an element to Hex B5AEB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5AEB5 }
```

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

```
.background{ background-color:#B5AEB5 }
```

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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