

# Converting Colors

Hex(B5AEBD)

Have a look what the booklet for  
Hex(B5AEBD) contains.

<b>Hex(B5AEBD)</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(B5AEBD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5AEBD
RGB	181, 174, 189
RGB Percent	71%, 68%, 74%
CMY	0.2902, 0.3176, 0.2588
CMYK	0.04, 0.08, 0.00, 0.26
HSL	268°, 10%, 71%
HSV	268°, 8%, 74%
XYZ	43.3774, 43.7700, 54.3063
YIQ	177.8030, -0.6430, 6.1490

# Conversions

## Conversions Part 2

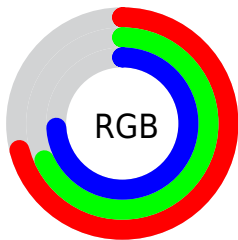
Format	Color
R <sub>Y</sub> B	181, 174, 189
Decimal	11906749
CIE Lab	72.07, 5.33, -6.76
CIE LCh	72, 8.602, 308.245
Yxy	43.7700, 0.3067, 0.3094
Android (android.graphics.Color)	4290096829 (0xFFB5AEBD)
YUV	177.8030, 5.5201, 2.8038
Hunter-Lab	66.1589, 1.2564, -2.3568

# Details

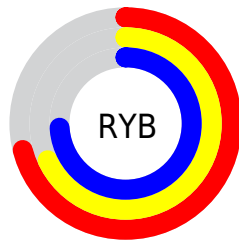
The Hex color **B5AEBD** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B6BDAE**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **EDE5F5**, and **807A88** is the 20% darker color. If you saturate the color by 10%, you get **AB9BBD**, and if you desaturate by 10%, it is **BFC1BD**.

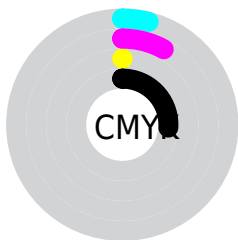
# Distribution



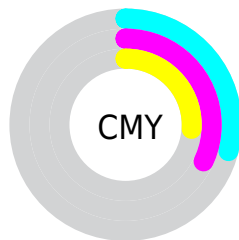
- Red (71%)
- Green (68%)
- Blue (74%)



- Red (71%)
- Yellow (68%)
- Blue (74%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)
- Black (26%)



- Cyan (29%)
- Magenta (32%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5AEBD 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 B5AEBD by changing the saturation by 10% instead.



 B5AEBD

 B5AEBD

FFFFFF

 9A93A2

 EDE5F5

 807A88

 67616E

 4F4956

 38333F

 231E29

 0D0415

 000000

 B5AEBD

 B5AEBD

AB9BBD

BFC1BD

A188BD

C9D4BD

9775BD

D3E7BD

8D62BD

DDFABD

8350BD

E7FFBD

793DBD

F1FFBD

6E2ABD

FCFFBD

6417BD

FFFFBD

5A04BD

# Harmonies

## Analogous

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



ABB1C0



B5AEBD



BDACB7

# Triad

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



B5AEBD



BDAEA2



9EB5B3

# Complementary

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



B5AEBD



B6BDAE

# 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.



A4B5AB



B5AEBD



B5B1A1

# Square

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



B5AEBD



C1ACA7



ACB3A4



9EB5BA

# Rectangle

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



B5AEBD



C0ABB1



ACB3A4



A0B5B0

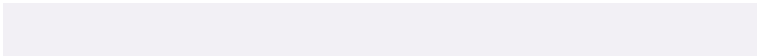


# Sweetspot

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



B5AEBD



F2F0F5



AEB6BD



79787A



FAFAFA



7A7A7A



# Same Dimension

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



B5AEBD



E8DCF5



BDAEBD



59555E



4A009E



0E001F



# Inverse Universe

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



BDAEB6



F5DCE9



AFBDAE



5E555A



9E0054

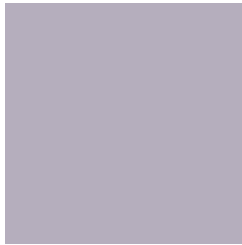


1F0010



# Previews

## White Background



This preview shows how the Hex color B5AEBD looks on a white background.

## Color Contrast Check

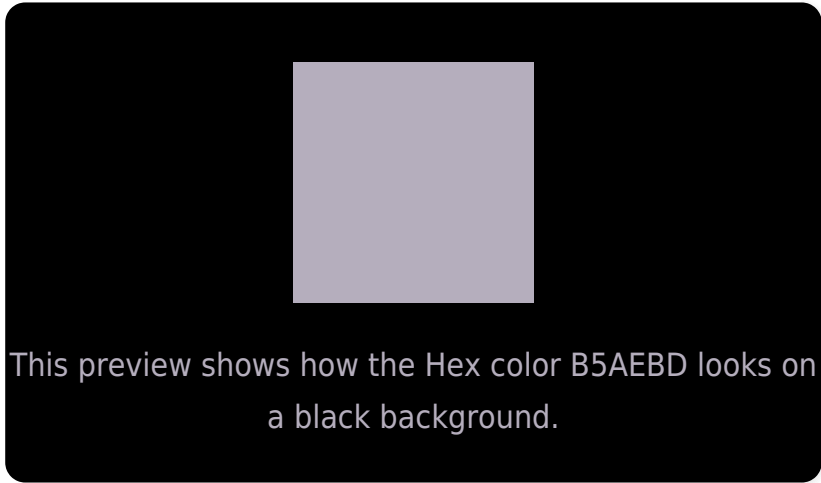
Large Text (above 18pt) WCAG AA × Fail

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

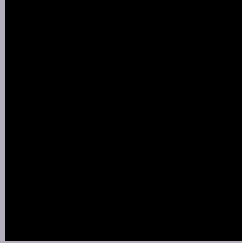
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

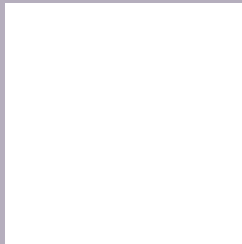
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5AEBD Background



This preview shows how black text looks on a background with the Hex color B5AEBD.



This preview shows how white text looks on a background with the Hex color B5AEBD.

# 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**  
B5AEBD

**Protanopia**  
B0B0BE

**Deuteranopia**  
BCACBD



**Tritanopia**  
B5AEBC

# Trichromacy



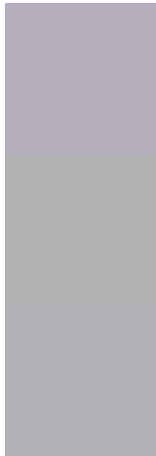
**Original Color**  
B5AEBD

**Protanomaly**  
B2AFBE

**Deuteranomaly**  
B9ADBD

**Tritanomaly**  
B5AEBC

# Monochromacy



**Original Color**  
B5AEBD

**Achromatopsia**  
B2B2B2

**Achromatomaly**  
B3B1B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5AEBD 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 #B5AEBD looks like.

```
.text, #text, p{  
    color:#B5AEBD  
}
```

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 #B5AEBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5AEBD
}
```

## Border

The CSS property to change the border of an element to Hex B5AEBD 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
#B5AEBD }
```

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

```
.border{ border-color:#B5AEBD }
```

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

Here you see how a box with a 4 pixel #B5AEBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5AEBD; -webkit-box-shadow:4px 4px  
4px 4px #B5AEBD; box-shadow:4px 4px 4px  
4px #B5AEBD }
```

# Background

The CSS property to change the background color of an element to Hex B5AEBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5AEBD }
```

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

```
.background{ background-color:#B5AEBD }
```

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