

# Converting Colors

Hex(B1AABD)

Have a look what the booklet for  
Hex(B1AABD) contains.

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# **Color**

**Hex(B1AABD)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | B1AABD                    |
| RGB         | 177, 170, 189             |
| RGB Percent | 69%, 67%, 74%             |
| CMY         | 0.3059, 0.3333, 0.2588    |
| CMYK        | 0.06, 0.10, 0.00, 0.26    |
| HSL         | 262°, 13%, 70%            |
| HSV         | 262°, 10%, 74%            |
| XYZ         | 41.6915, 41.7707, 54.0093 |
| YIQ         | 174.2590, -1.9270, 7.3930 |

# Conversions

## Conversions Part 2

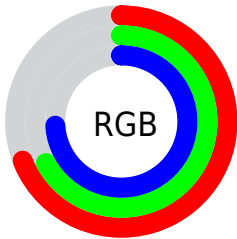
| <b>Format</b>                       | <b>Color</b>                |
|-------------------------------------|-----------------------------|
| R <sub>Y</sub> B                    | 177, 170, 189               |
| Decimal                             | 11643581                    |
| CIE Lab                             | 70.71, 6.14, -8.81          |
| CIE LCh                             | 71, 10.744, 304.870         |
| Yxy                                 | 41.7707, 0.3033,<br>0.3038  |
| Android<br>(android.graphics.Color) | 4289833661<br>(0xFFB1AABD)  |
| YUV                                 | 174.2590, 7.2673,<br>2.4039 |
| Hunter-Lab                          | 64.6302, 2.0433,<br>-4.3055 |

# Details

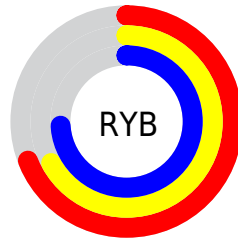
The Hex color **B1AABD** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B6BDAA**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **E9E1F5**, and **7C7688** is the 20% darker color. If you saturate the color by 10%, you get **A597BD**, and if you desaturate by 10%, it is **BDBDBD**.

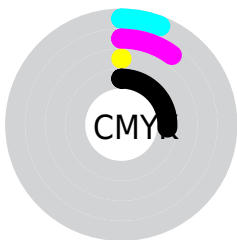
# Distribution



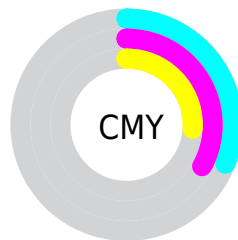
- Red (69%)
- Green (67%)
- Blue (74%)



- Red (69%)
- Yellow (67%)
- Blue (74%)



- Cyan (6%)
- Magenta (10%)
- Yellow (0%)
- Black (26%)



- Cyan (31%)
- Magenta (33%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1AABD 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 B1AABD by changing the saturation by 10% instead.



 B1AABD

FFFFFF

 E9E1F5

FFFEFF

 B1AABD

 9690A2

 7C7688

 635D6E

 4C4656

 352F3F

 1F1B29

 080015

 000000

 B1AABD

 B1AABD

 A597BD


 BDBDBD

 9984BD

 C9D0BD

 8D71BD

 D5E3BD

 815EBD

 E1F6BD

 754BBD

 EDFFBD

 6939BD

 F9FFBD

 5D26BD

 FFFFBD

 5213BD

 4600BD

# Harmonies

## Analogous

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



A5ADC0



B1AABD



BBA7B5

# Triad

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



B1AABD



BDAA9C



96B3AE

# Complementary

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



B1AABD



B6BDAA

# 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.



9EB2A4



B1AABD



B4AD9A

# Square

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



B1AABD



C2A7A2



A8B09D



95B2B8

# Rectangle

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



B1AABD



C0A7AF



A8B09D



98B3AB



# Sweetspot

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



B1AABD



F0EDF5



AAB6BD



77767A



FAFAFA



7A7A7A



# Same Dimension

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



B1AABD



E2D7F5



BAAABD



58555E



3A009E



0B001F



# Inverse Universe

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



BDAAB6



F5D7EA



ADBDA4



5E555B



9E0064



1F0013



# Previews

## White Background



This preview shows how the Hex color B1AABD looks on a white background.

## Color Contrast Check

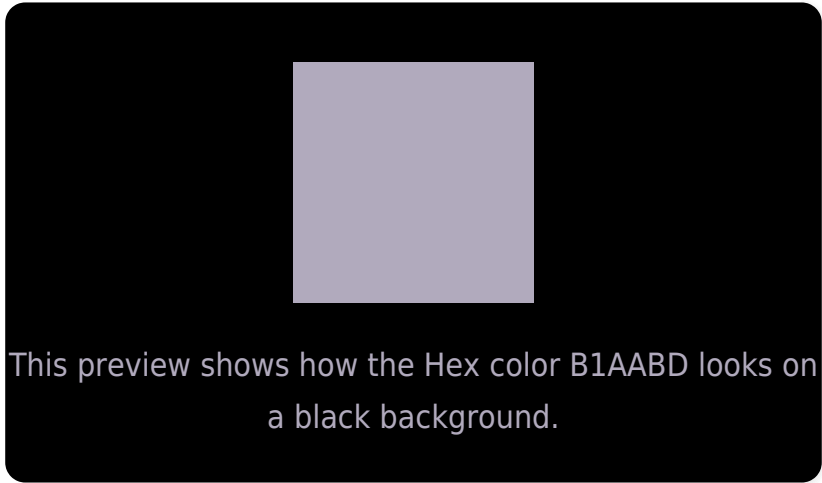
Large Text (above 18pt) WCAG AA × Fail

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

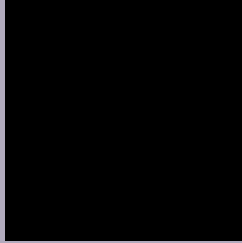
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

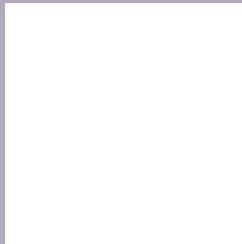
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B1AABD Background



This preview shows how black text looks on a background with the Hex color B1AABD.



This preview shows how white text looks on a background with the Hex color B1AABD.

# 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**  
B1AABD

**Protanopia**  
ABACBE

**Deuteranopia**  
B6A8BD



**Tritanopia**  
B0ABB8

# Trichromacy



**Original Color**

B1AABD

**Protanomaly**

ADABBE

**Deuteranomaly**

B4A9BD

**Tritanomaly**

B0ABBA

# Monochromacy



**Original Color**

B1AABD

**Achromatopsia**

AEAEAE

**Achromatomaly**

AFADB3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1AABD 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 #B1AABD looks like.

```
.text, #text, p{  
    color:#B1AABD  
}
```

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 #B1AABD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1AABD
}
```

## Border

The CSS property to change the border of an element to Hex B1AABD 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
#B1AABD }
```

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

```
.border{ border-color:#B1AABD }
```

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

Here you see how a box with a 4 pixel #B1AABD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1AABD; -webkit-box-shadow:4px 4px  
4px 4px #B1AABD; box-shadow:4px 4px 4px  
4px #B1AABD }
```

# Background

The CSS property to change the background color of an element to Hex B1AABD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1AABD }
```

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

```
.background{ background-color:#B1AABD }
```

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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