

# Converting Colors

Hex(B1AFB6)

Have a look what the booklet for  
Hex(B1AFB6) contains.

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# **Color**

**Hex(B1AFB6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1AFB6
RGB	177, 175, 182
RGB Percent	69%, 69%, 71%
CMY	0.3059, 0.3137, 0.2863
CMYK	0.03, 0.04, 0.00, 0.29
HSL	257°, 5%, 70%
HSV	257°, 4%, 71%
XYZ	41.9049, 43.3845, 50.4214
YIQ	176.3960, -1.0550, 2.6010

# Conversions

## Conversions Part 2

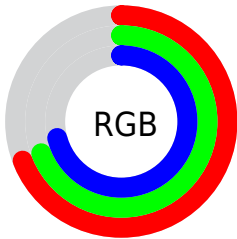
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 175, 182
Decimal	11644854
CIELab	71.82, 2.04, -3.33
CIELCh	72, 3.901, 301.476
Yxy	43.3845, 0.3088, 0.3197
Android (android.graphics.Color)	4289834934 (0xFFB1AFB6)
YUV	176.3960, 2.7628, 0.5297
Hunter-Lab	65.8669, -1.7042, 0.7201

# Details

The Hex color **B1AFB6** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B4B6AF**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **E9E6EE**, and **7C7B81** is the 20% darker color. If you saturate the color by 10%, you get **A49DB6**, and if you desaturate by 10%, it is **BEC1B6**.

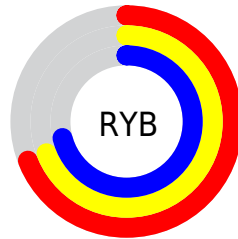
# Distribution



Red (69%)

Green (69%)

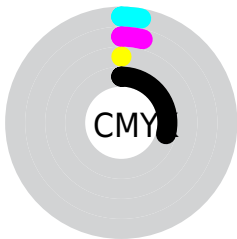
Blue (71%)



Red (69%)

Yellow (69%)

Blue (71%)

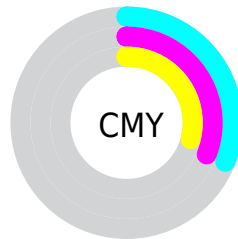


Cyan (3%)

Magenta (4%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (31%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1AFB6 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 B1AFB6 by changing the saturation by 10% instead.



 B1AFB6

 B1AFB6

FFFFFF

 96949B

 E9E6EE

 7C7B81

 646268

 4C4A50

 353339

 201E24

 08050E

 000000

 B1AFB6

 B1AFB6

 A49DB6

 BEC1B6

 978BB6

 CBD3B6

 8A78B6

 D8E6B6

 7D66B6

 E5F8B6

 7054B6

 F2FFB6

 6342B6

 FFFFB6

 5630B6

 491DB6

 3C0BB6

# Harmonies

## Analogous

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



[ADB0B7](#)



[B1AFB6](#)



[B5AEB3](#)

# Triad

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



B1AFB6



B6AFAA



A8B2B0

# Complementary

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



B1AFB6



B4B6AF

# 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.



ABB2AC



B1AFB6



B3B0A9

# Square

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



B1AFB6



B8AEAC



AFB1AA



A8B2B4

# Rectangle

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



B1AFB6



B7AEB1



AFB1AA



A9B2AF

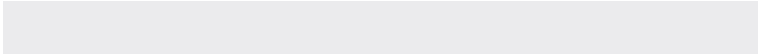


# Sweetspot

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



B1AFB6



EBEBED



AFB4B6



777778



F7F7F7



787878



# Same Dimension

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



B1AFB6



E5E1ED



B4AFB6



58565C



2C009C



08001C



# Inverse Universe

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



B6AFB4



EDE1EA



B1B6AF



5C565A



9C006F

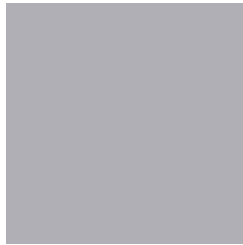


1C0014



# Previews

## White Background



This preview shows how the Hex color B1AFB6 looks on a white background.

## Color Contrast Check

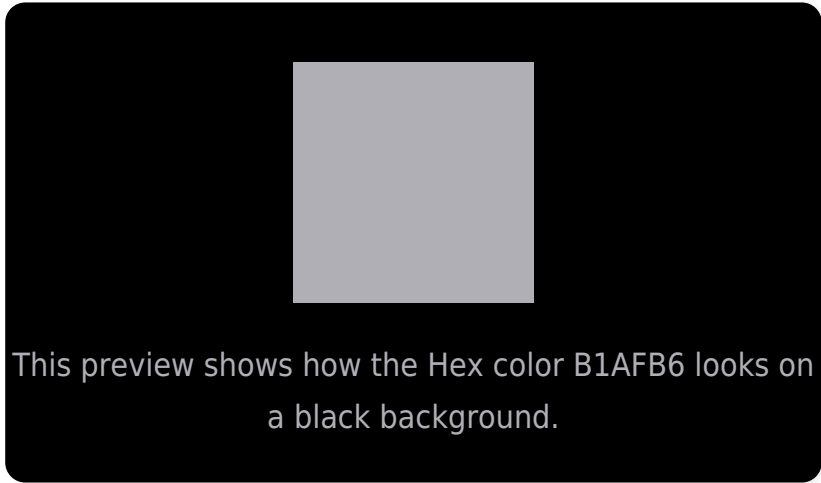
Large Text (above 18pt) WCAG AA × Fail

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

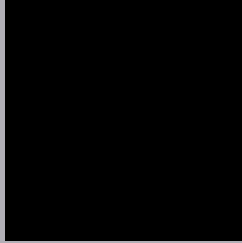
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

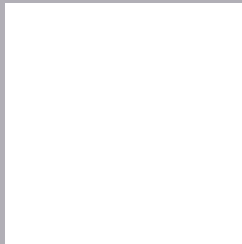
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B1AFB6 Background



This preview shows how black text looks on a background with the Hex color B1AFB6.

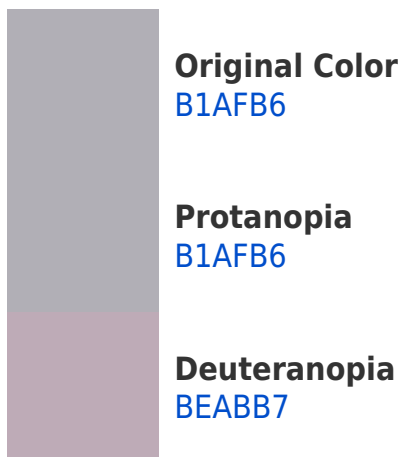


This preview shows how white text looks on a background with the Hex color B1AFB6.

# Color Blindness Simulation

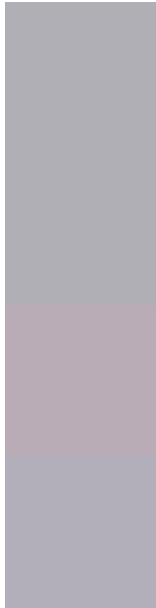
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
B1AFB6

**Protanomaly**  
B1AFB6

**Deuteranomaly**  
B9ACB7

**Tritanomaly**  
B2AEBA

# Monochromacy



**Original Color**  
B1AFB6

**Achromatopsia**  
B0B0B0

**Achromatomaly**  
B0B0B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1AFB6 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 #B1AFB6 looks like.

```
.text, #text, p{  
    color:#B1AFB6  
}
```

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 #B1AFB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1AFB6
}
```

## Border

The CSS property to change the border of an element to Hex B1AFB6 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
#B1AFB6 }
```

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

```
.border{ border-color:#B1AFB6 }
```

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

Here you see how a box with a 4 pixel #B1AFB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1AFB6; -webkit-box-shadow:4px 4px  
4px 4px #B1AFB6; box-shadow:4px 4px 4px  
4px #B1AFB6 }
```

# Background

The CSS property to change the background color of an element to Hex B1AFB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1AFB6 }
```

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

```
.background{ background-color:#B1AFB6 }
```

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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