

# Converting Colors

Hex(B4AFB9)

Have a look what the booklet for  
Hex(B4AFB9) contains.

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# **Color**

**Hex(B4AFB9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4AFB9
RGB	180, 175, 185
RGB Percent	71%, 69%, 73%
CMY	0.2941, 0.3137, 0.2745
CMYK	0.03, 0.05, 0.00, 0.27
HSL	270°, 7%, 71%
HSV	270°, 5%, 73%
XYZ	42.9093, 43.8660, 52.1044
YIQ	177.6350, -0.2300, 4.1700

# Conversions

## Conversions Part 2

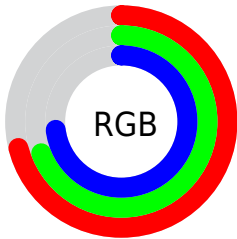
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 175, 185
Decimal	11841465
CIELab	72.14, 3.66, -4.47
CIELCh	72, 5.777, 309.284
Yxy	43.8660, 0.3090, 0.3159
Android (android.graphics.Color)	4290031545 (0xFFB4AFB9)
YUV	177.6350, 3.6309, 2.0741
Hunter-Lab	66.2314, -0.2603, -0.2815

# Details

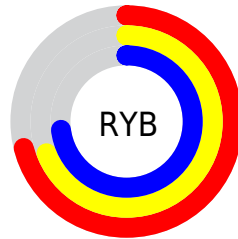
The Hex color **B4AFB9** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B4B9AF**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **ECE7F1**, and **7F7B84** is the 20% darker color. If you saturate the color by 10%, you get **AB9DB9**, and if you desaturate by 10%, it is **BDC2B9**.

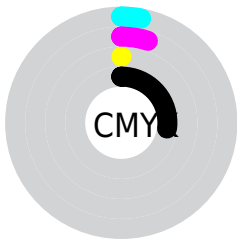
# Distribution



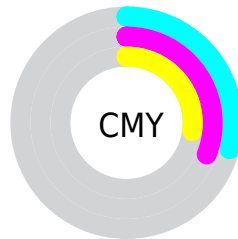
- Red (71%)
- Green (69%)
- Blue (73%)



- Red (71%)
- Yellow (69%)
- Blue (73%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (29%)
- Magenta (31%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4AFB9 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 B4AFB9 by changing the saturation by 10% instead.



 B4AFB9

 B4AFB9

FFFFFF

 99949E

 ECE7F1

 7F7B84

 66626B

 4E4A53

 37333C

 221E26

 0C0511

 000000

 B4AFB9

 B4AFB9

 AB9DB9

 BDC2B9

 A28AB9

 C6D4B9

 9878B9

 D0E6B9

 8F65B9

 D9F9B9

 8652B9

 E2FFB9

 7D40B9

 EBFFB9

 732EB9

 F5FFB9

 6A1BB9

 FEFFB9

 6108B9

 FFFFB9

# Harmonies

## Analogous

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



AEB1BB



B4AFB9



B9AEB5

# Triad

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



B4AFB9



B9AFA7



A5B4B2

# Complementary

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



**B4AFB9**



**B4B9AF**

# 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.



A8B4AD



B4AFB9



B4B1A6

# Square

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



B4AFB9



BCAEAA



ADB3A9



A5B4B7

# Rectangle

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



B4AFB9



BCADB1



ADB3A9



A5B4B0

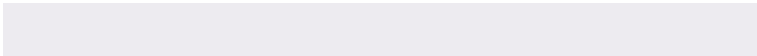


# Sweetspot

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



B4AFB9



EDEBF0



AFB4B9



777578



F7F7F7



787878



# Same Dimension

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



B4AFB9



E9E1F0



B9AFB9



59555C



4E009C



0E001C



# Inverse Universe

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



B9AFB4



F0E1E9



AFB9AF



5C5559



9C004E



1C000E



# Previews

## White Background



This preview shows how the Hex color B4AFB9 looks on a white background.

## Color Contrast Check

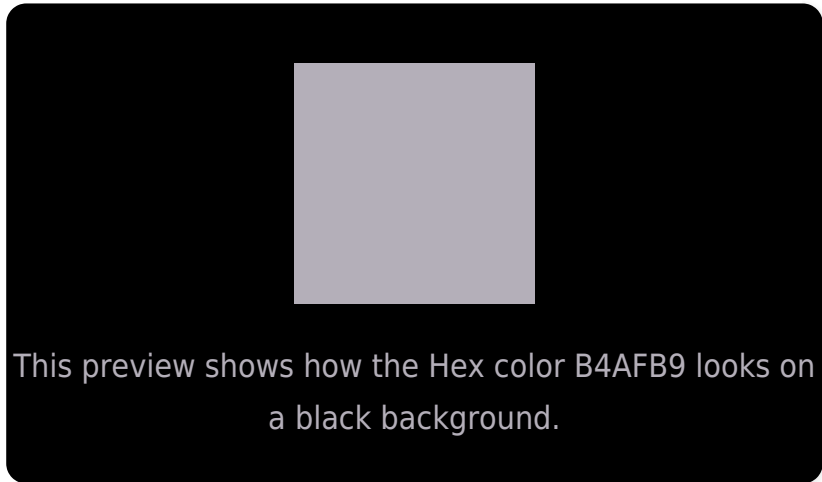
Large Text (above 18pt) WCAG AA × Fail

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

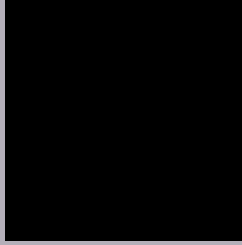
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

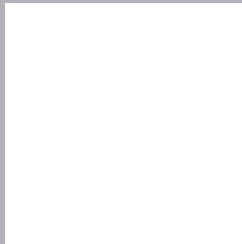
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B4AFB9 Background



This preview shows how black text looks on a background with the Hex color B4AFB9.

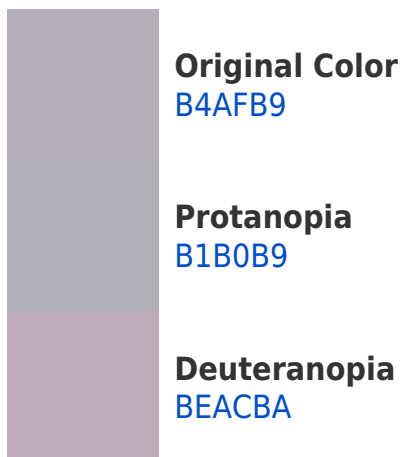


This preview shows how white text looks on a background with the Hex color B4AFB9.

# 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](#).

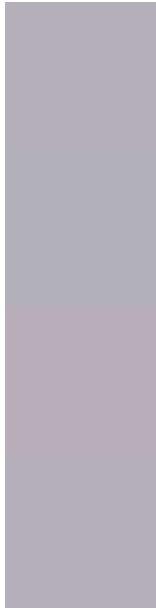
## Dichromacy





**Tritanopia**  
B5AEBC

# Trichromacy



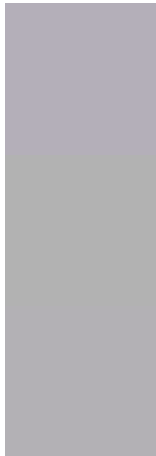
**Original Color**  
B4AFB9

**Protanomaly**  
B2B0B9

**Deuteranomaly**  
BAADBA

**Tritanomaly**  
B5AEBB

# Monochromacy



**Original Color**  
B4AFB9

**Achromatopsia**  
B2B2B2

**Achromatomaly**  
B3B1B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4AFB9 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 #B4AFB9 looks like.

```
.text, #text, p{  
    color:#B4AFB9  
}
```

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 #B4AFB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4AFB9
}
```

## Border

The CSS property to change the border of an element to Hex B4AFB9 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
#B4AFB9 }
```

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

```
.border{ border-color:#B4AFB9 }
```

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

Here you see how a box with a 4 pixel #B4AFB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4AFB9; -webkit-box-shadow:4px 4px  
4px 4px #B4AFB9; box-shadow:4px 4px 4px  
4px #B4AFB9 }
```

# Background

The CSS property to change the background color of an element to Hex B4AFB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4AFB9 }
```

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

```
.background{ background-color:#B4AFB9 }
```

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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