

# Converting Colors

Hex(AB7BB0)

Have a look what the booklet for  
Hex(AB7BB0) contains.

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# Color

**Hex(AB7BB0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB7BB0
RGB	171, 123, 176
RGB Percent	67%, 48%, 69%
CMY	0.3294, 0.5176, 0.3098
CMYK	0.03, 0.30, 0.00, 0.31
HSL	294°, 25%, 59%
HSV	294°, 30%, 69%
XYZ	31.7140, 25.9584, 44.4133
YIQ	143.3940, 11.5950, 26.6590

# Conversions

## Conversions Part 2

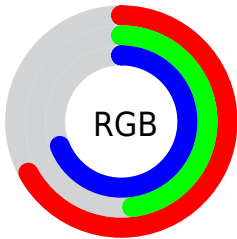
Format	Color
<a href="#">RYB</a>	<a href="#">171, 123, 176</a>
Decimal	<a href="#">11238320</a>
CIELab	<a href="#">58.00, 27.84, -20.74</a>
CIELCh	<a href="#">58, 34.719, 323.312</a>
Yxy	<a href="#">25.9584, 0.3107, 0.2543</a>
Android (android.graphics.Color)	<a href="#">4289428400</a> ( <a href="#">0xFFAB7BB0</a> )
YUV	<a href="#">143.3940, 16.0748, 24.2105</a>
Hunter-Lab	<a href="#">50.9494, 21.9478, -16.0193</a>

# Details

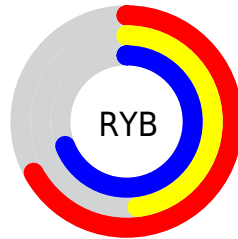
The Hex color **AB7BB0** is a light color, and the websafe version is hex **996699**. A complement of this color would be **80B07B**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **E3B0E8**, and **76497B** is the 20% darker color. If you saturate the color by 10%, you get **A969B0**, and if you desaturate by 10%, it is **AD8DB0**.

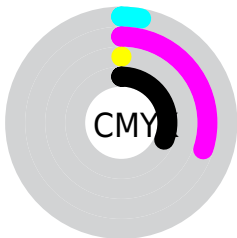
# Distribution



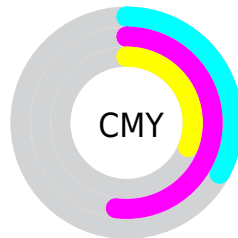
- Red (67%)
- Green (48%)
- Blue (69%)



- Red (67%)
- Yellow (48%)
- Blue (69%)



- Cyan (3%)
- Magenta (30%)
- Yellow (0%)
- Black (31%)



- Cyan (33%)
- Magenta (52%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB7BB0 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 AB7BB0 by changing the saturation by 10% instead.



 AB7BB0

 AB7BB0

FFFFFF

 906295

 E3B0E8

 76497B

 FFCCFF

 5D3262

 FFE8FF

 441B4A

 2D0433

 18001E

 000000

 AB7BB0

 AB7BB0

 A969B0

 AD8DB0

 A858B0

 AE9EB0

 A646B0

 B0B0B0

 A435B0

 B2C1B0

 A323B0

 B3D3B0

 A111B0

 B5E5B0

 9F00B0

 B7F6B0

 B8FFB0

 BAFFB0

# Harmonies

## Analogous

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



8586C3



AB7BB0



C17493

# Triad

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



AB7BB0



A5874F



009BA2

# Complementary

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



AB7BB0



80B07B

# 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.



399B83



AB7BB0



879152

# Square

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



AB7BB0



BB7D5C



649866



0098BB

# Rectangle

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



AB7BB0



C6747F



649866



0B9C98



# Sweetspot

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



AB7BB0



E4D1E6



7B80B0



726673



F2F2F2



737373



# Same Dimension

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



AB7BB0



DE93E6



B07B9B



585059



8B0099



17001A



# Inverse Universe

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



B07B80



E6939B



7BB090



595051



99000E

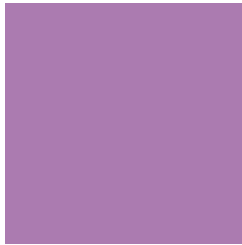


1A0002



# Previews

## White Background



This preview shows how the Hex color AB7BB0 looks on a white background.

## Color Contrast Check

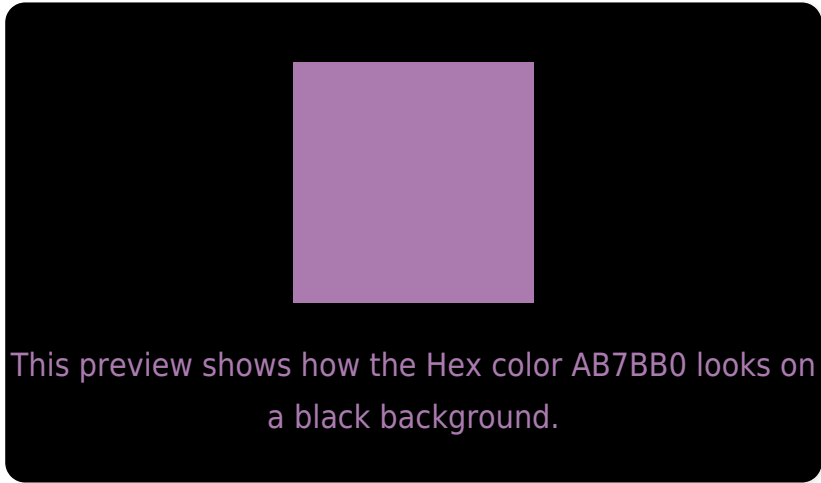
Large Text (above 18pt) WCAG AA ✓ Pass

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

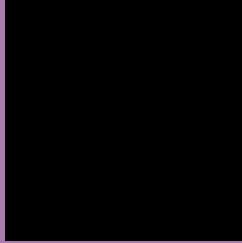
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AB7BB0 Background



This preview shows how black text looks on a background with the Hex color AB7BB0.

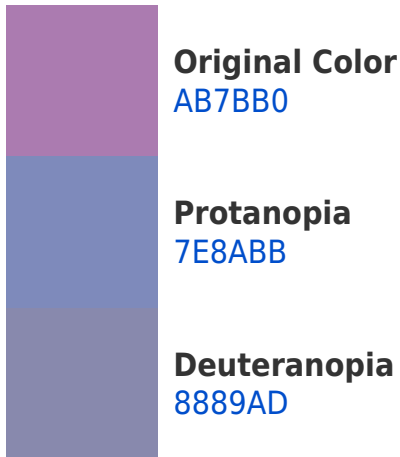



This preview shows how white text looks on a background with the Hex color AB7BB0.

# 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](#).

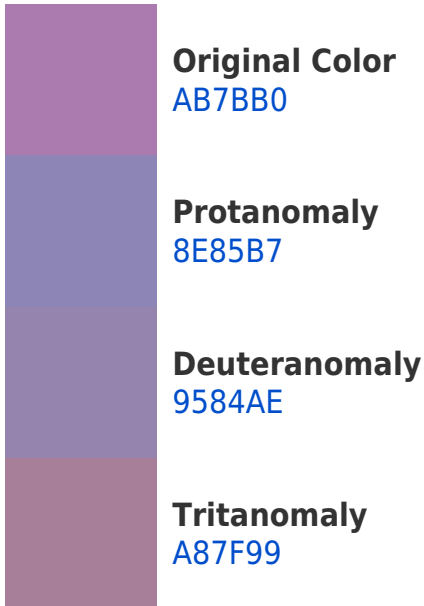
## Dichromacy



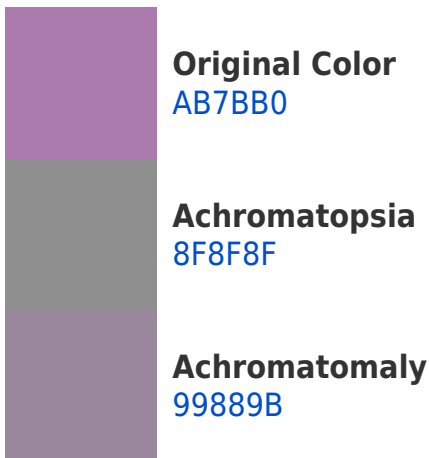


**Tritanopia**  
A6828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB7BB0 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 #AB7BB0 looks like.

```
.text, #text, p{  
    color:#AB7BB0  
}
```

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 #AB7BB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB7BB0
}
```

## Border

The CSS property to change the border of an element to Hex AB7BB0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

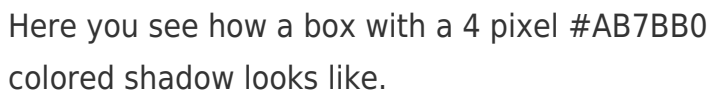
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB7BB0 }
```

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

```
.border{ border-color:#AB7BB0 }
```

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



Here you see how a box with a 4 pixel `#AB7BB0` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB7BB0; -webkit-box-shadow:4px 4px  
4px 4px #AB7BB0; box-shadow:4px 4px 4px  
4px #AB7BB0 }
```

# Background

The CSS property to change the background color of an element to Hex AB7BB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB7BB0 }
```

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

```
.background{ background-color:#AB7BB0 }
```

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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