

# Converting Colors

Hex(AB80C1)

Have a look what the booklet for  
Hex(AB80C1) contains.

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# **Color**

**Hex(AB80C1)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | AB80C1                    |
| RGB           | 171, 128, 193             |
| RGB Percent   | 67%, 50%, 76%             |
| CMY           | 0.3294, 0.4980, 0.2431    |
| CMYK          | 0.11, 0.34, 0.00, 0.24    |
| HSL           | 280°, 34%, 63%            |
| HSV           | 280°, 34%, 76%            |
| XYZ           | 34.1394, 27.9465, 54.0470 |
| YIQ           | 148.2670, 4.7630, 29.3310 |

# Conversions

## Conversions Part 2

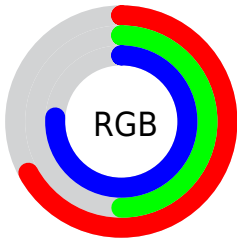
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">171, 128, 193</a>                  |
| Decimal                             | <a href="#">11239617</a>                       |
| CIELab                              | <a href="#">59.84, 28.52, -27.60</a>           |
| CIElCh                              | <a href="#">60, 39.687, 315.945</a>            |
| Yxy                                 | <a href="#">27.9465, 0.2940,<br/>0.2406</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4289429697<br/>(0xFFAB80C1)</a>    |
| YUV                                 | <a href="#">148.2670, 22.0534,<br/>19.9368</a> |
| Hunter-Lab                          | <a href="#">52.8645, 22.7609,<br/>-23.6111</a> |

# Details

The Hex color **AB80C1** is a light color, and the websafe version is hex **996699**. A complement of this color would be **96C180**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **E3B5FA**, and **764E8B** is the 20% darker color. If you saturate the color by 10%, you get **A46DC1**, and if you desaturate by 10%, it is **B293C1**.

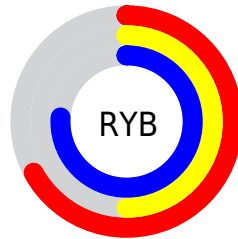
# Distribution



Red (67%)

Green (50%)

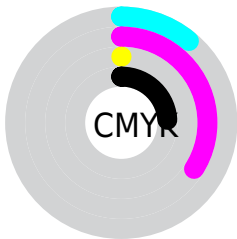
Blue (76%)



Red (67%)

Yellow (50%)

Blue (76%)

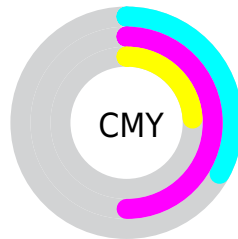


Cyan (11%)

Magenta (34%)

Yellow (0%)

Black (24%)



Cyan (33%)

Magenta (50%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB80C1 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 AB80C1 by changing the saturation by 10% instead.



 AB80C1

 AB80C1

FFFFFF

 9067A6

 E3B5FA

 764E8B

 FFD1FF

 5C3672

 FFE0FF

 442059

 2C0941

 1B002B

 000115

 000000

 AB80C1

 AB80C1

 A46DC1


 B293C1

 9E59C1

 B8A7C1

 9746C1

 BFBAC1

 9133C1

 C5CDC1

 8A20C1

 CCE1C1

 840CC1

 D2F4C1

 8000C1

 D9FFC1

 DFFFC1

 E6FFC1

# Harmonies

## Analogous

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



7A8DD3



AB80C1



C976A2

# Triad

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



AB80C1



B4884C



00A2A2

# Complementary

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



AB80C1



96C180

# 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.



39A17E



AB80C1



94944B

# Square

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



AB80C1



CB7C5F



6C9C5E



00A0C1

# Rectangle

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



AB80C1



D2748A



6C9C5E



00A296



# Sweetspot

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



AB80C1



F1E1FA



8097C1



786E7D



FCFCFC



7D7D7D



# Same Dimension

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



AB80C1



D896FA



C180B7



5E5761



6A00A1



160021



# Inverse Universe

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



C18096



FA96B8



80C18A



61575A



A10036

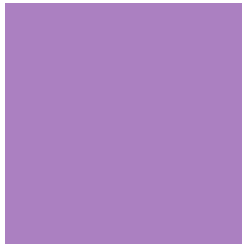


21000B



# Previews

## White Background



This preview shows how the Hex color AB80C1 looks on a white background.

## Color Contrast Check

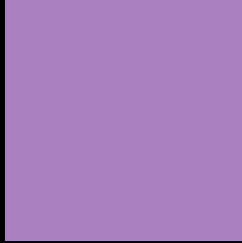
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color AB80C1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

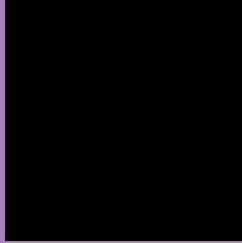
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AB80C1 Background



This preview shows how black text looks on a background with the Hex color AB80C1.

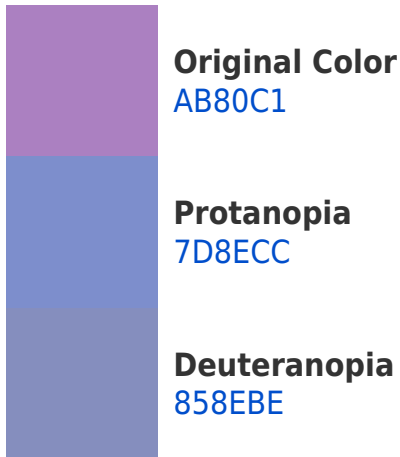



This preview shows how white text looks on a background with the Hex color AB80C1.

# 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**  
A48994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB80C1 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 #AB80C1 looks like.

```
.text, #text, p{  
    color:#AB80C1  
}
```

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 #AB80C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB80C1  
}
```

## Border

The CSS property to change the border of an element to Hex AB80C1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

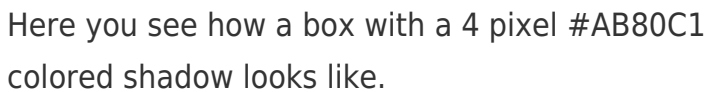
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AB80C1 }
```

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

```
.border{ border-color:#AB80C1 }
```

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



Here you see how a box with a 4 pixel `#AB80C1` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB80C1; -webkit-box-shadow:4px 4px  
4px 4px #AB80C1; box-shadow:4px 4px 4px  
4px #AB80C1 }
```

# Background

The CSS property to change the background color of an element to Hex AB80C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB80C1 }
```

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

```
.background{ background-color:#AB80C1 }
```

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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