

Converting Colors

Hex(AB80A6)

Have a look what the booklet for
Hex(AB80A6) contains.

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Color

Hex(AB80A6)

Conversions

Conversions Part 1

Format	Color
Hex	AB80A6
RGB	171, 128, 166
RGB Percent	67%, 50%, 65%
CMY	0.3294, 0.4980, 0.3490
CMYK	0.00, 0.25, 0.03, 0.33
HSL	307°, 20%, 59%
HSV	307°, 25%, 67%
XYZ	31.3967, 26.8494, 39.6041
YIQ	145.1890, 13.4300, 20.9340

Conversions

Conversions Part 2

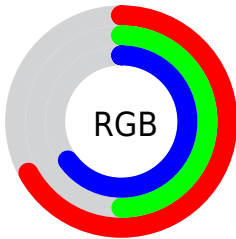
Format	Color
RYB	171, 128, 166
Decimal	11239590
CIELab	58.83, 23.07, -13.74
CIELCh	59, 26.854, 329.225
Yxy	26.8494, 0.3209, 0.2744
Android (android.graphics.Color)	4289429670 (0xFFAB80A6)
YUV	145.1890, 10.2598, 22.6362
Hunter-Lab	51.8164, 17.4782, -9.0447

Details

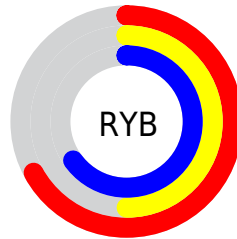
The Hex color **AB80A6** is a light color, and the websafe version is hex **996699**. A complement of this color would be **80AB85**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **E3B5DD**, and **764E72** is the 20% darker color. If you saturate the color by 10%, you get **AB6FA4**, and if you desaturate by 10%, it is **AB91A8**.

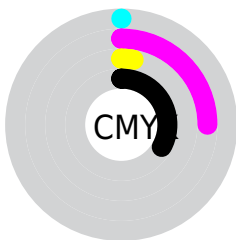
Distribution



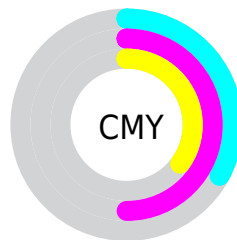
- Red (67%)
- Green (50%)
- Blue (65%)



- Red (67%)
- Yellow (50%)
- Blue (65%)



- Cyan (0%)
- Magenta (25%)
- Yellow (3%)
- Black (33%)



- Cyan (33%)
- Magenta (50%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB80A6 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 AB80A6 by changing the saturation by 10% instead.



AB80A6



AB80A6

FFFFFF



90678C



E3B5DD



764E72



FFD1FA



5D375A



FFEDFF



452042



2E0B2C



1A0018



000000



AB80A6



AB80A6



AB6FA4



AB91A8

 AB5EA2

 ABA2AA

 AB4DA0

 ABB3AC

 AB3C9E

 ABC4AE

 AB2B9C

 ABD5B0

 AB199A

 ABE7B2

 AB0898

 ABF8B4

 AB0097

 ABFFB6

 ABFFB8

Harmonies

Analogous

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



9088B7



AB80A6



BA7C8F

Triad

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



AB80A6



9F8C5E



409AA4

Complementary

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



AB80A6



80AB85

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.



509A8C



AB80A6



869364

Square

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



AB80A6



B28466



6A9875



4D96B5

Rectangle

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



AB80A6



BD7C7F



6A9875



439A9C

Sweetspot

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



AB80A6



DECCDC



8480AB



70656F



F0F0F0



707070

Same Dimension

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



AB80A6



DE9BD6



AB8091



574E56



960085



170014

Inverse Universe

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



AB80A6



DE9BD6



80AB9A



574E56



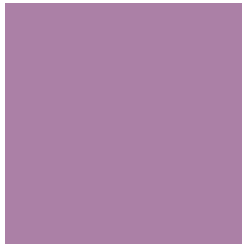
960085



170014

Previews

White Background



This preview shows how the Hex color AB80A6 looks on a white background.

Color Contrast Check

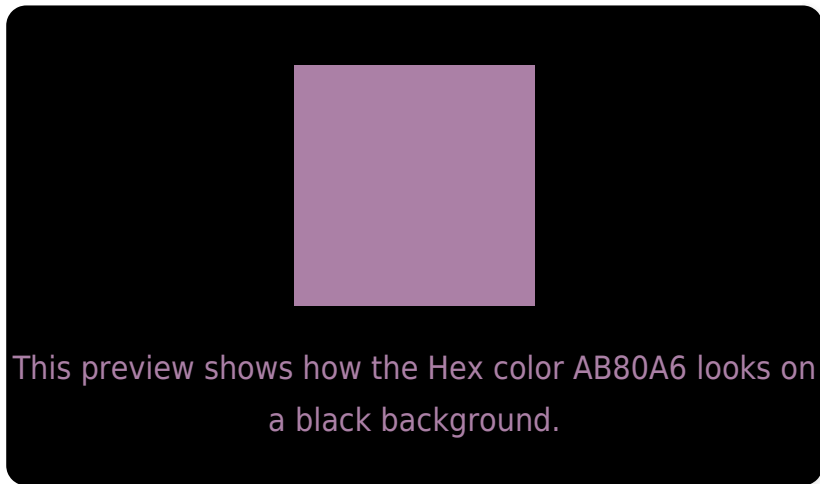
Large Text (above 18pt) WCAG AA ✓ Pass

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

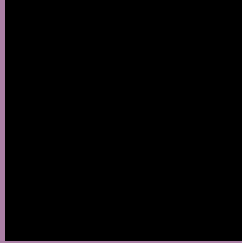
Any Text WCAG AA ✓ Pass

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 AB80A6 Background



This preview shows how black text looks on a background with the Hex color AB80A6.

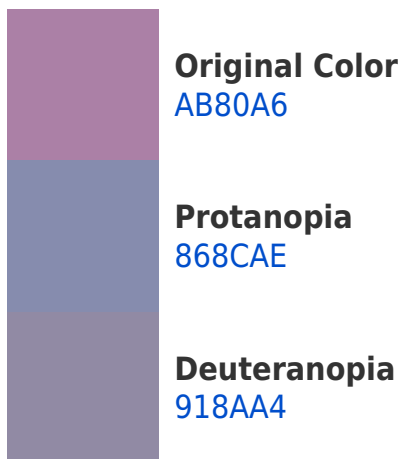


This preview shows how white text looks on a background with the Hex color AB80A6.

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
A8848F

Trichromacy



Original Color
AB80A6

Protanomaly
9388AB

Deuteranomaly
9A86A5

Tritanomaly
A98397

Monochromacy



Original Color
AB80A6

Achromatopsia
919191

Achromatomaly
9A8B99

CSS Examples

Text

The CSS property to change the color of the text to Hex AB80A6 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 #AB80A6 looks like.

```
.text, #text, p{  
    color:#AB80A6  
}
```

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 #AB80A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB80A6
}
```

Border

The CSS property to change the border of an element to Hex AB80A6 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
#AB80A6 }
```

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

```
.border{ border-color:#AB80A6 }
```

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

Here you see how a box with a 4 pixel #AB80A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB80A6; -webkit-box-shadow:4px 4px  
4px 4px #AB80A6; box-shadow:4px 4px 4px  
4px #AB80A6 }
```

Background

The CSS property to change the background color of an element to Hex AB80A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB80A6 }
```

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

```
.background{ background-color:#AB80A6 }
```

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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