

Converting Colors

Hex(AB81A8)

Have a look what the booklet for
Hex(AB81A8) contains.

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Color

Hex(AB81A8)

Conversions

Conversions Part 1

Format	Color
Hex	AB81A8
RGB	171, 129, 168
RGB Percent	67%, 51%, 66%
CMY	0.3294, 0.4941, 0.3412
CMYK	0.00, 0.25, 0.02, 0.33
HSL	304°, 20%, 59%
HSV	304°, 25%, 67%
XYZ	31.7127, 27.1856, 40.6217
YIQ	146.0040, 12.5130, 21.0330

Conversions

Conversions Part 2

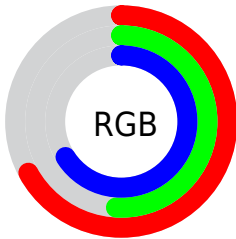
Format	Color
RYB	171, 129, 168
Decimal	11239848
CIELab	59.15, 22.89, -14.42
CIELCh	59, 27.049, 327.794
Yxy	27.1856, 0.3187, 0.2732
Android (android.graphics.Color)	4289429928 (0xFFAB81A8)
YUV	146.0040, 10.8440, 21.9215
Hunter-Lab	52.1398, 17.3235, -9.6945

Details

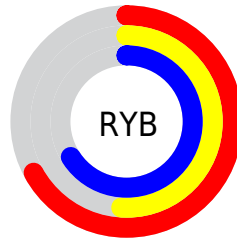
The Hex color **AB81A8** is a light color, and the websafe version is hex **996699**. A complement of this color would be **81AB84**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **E3B6DF**, and **764F74** is the 20% darker color. If you saturate the color by 10%, you get **AB70A7**, and if you desaturate by 10%, it is **AB92A9**.

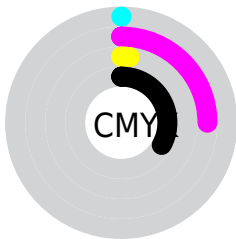
Distribution



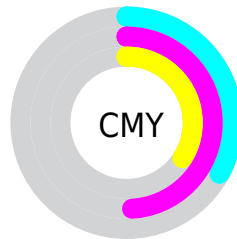
- Red (67%)
- Green (51%)
- Blue (66%)



- Red (67%)
- Yellow (51%)
- Blue (66%)



- Cyan (0%)
- Magenta (25%)
- Yellow (2%)
- Black (33%)



- Cyan (33%)
- Magenta (49%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB81A8 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 AB81A8 by changing the saturation by 10% instead.

 AB81A8

 AB81A8

FFFFFF

 90688E

 E3B6DF

 764F74

 FFD2FC

 5D385B

 FFEEFF

 452144

 2E0C2D

 1B0019

 000000

 AB81A8

 AB81A8

 AB70A7

 AB92A9

 AB5FA6

 ABA3AA

 AB4EA4

 ABB4AC

 AB3DA3

 ABC5AD

 AB2BA2

 ABD6AE

 AB1AA1

 ABE8AF

 AB099F

 ABF9B1

 AB009F

 ABFFB2

 ABFFB3

Harmonies

Analogous

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



8F89B8



AB81A8



BB7D91

Triad

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



AB81A8



A18C5F



419BA4

Complementary

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



AB81A8



81AB84

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.



519B8C



AB81A8



889464

Square

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



AB81A8



B48467



6C9974



4C97B6

Rectangle

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



AB81A8



BE7D81



6C9974



449B9C

Sweetspot

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



AB81A8



DECEDD



8481AB



706770



F0F0F0



707070

Same Dimension

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



AB81A8



DE9ED9



AB8193



574E56



96008C



170015

Inverse Universe

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



AB81A8



DE9ED9



81AB99



574E56



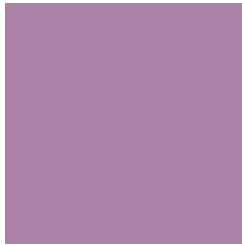
96008C



170015

Previews

White Background



This preview shows how the Hex color AB81A8 looks on a white background.

Color Contrast Check

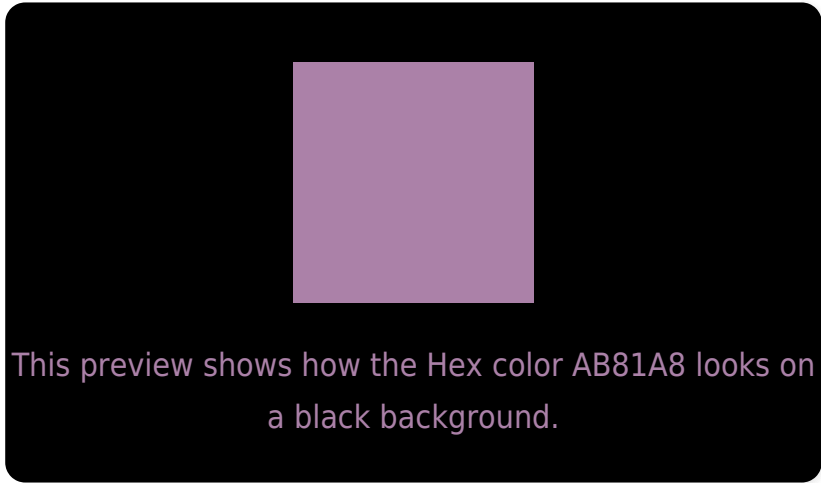
Large Text (above 18pt) WCAG AA ✓ Pass

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

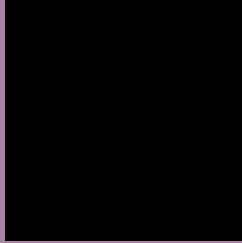
Any Text WCAG AA ✓ Pass

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 AB81A8 Background



This preview shows how black text looks on a background with the Hex color AB81A8.



This preview shows how white text looks on a background with the Hex color AB81A8.

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



Original Color
AB81A8

Protanopia
868DB0

Deuteranopia
918BA6



Tritanopia
A88590

Trichromacy



Original Color
AB81A8

Protanomaly
9389AD

Deuteranomaly
9A87A7

Tritanomaly
A98499

Monochromacy



Original Color
AB81A8

Achromatopsia
929292

Achromatomaly
9B8C9A

CSS Examples

Text

The CSS property to change the color of the text to Hex AB81A8 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 #AB81A8 looks like.

```
.text, #text, p{  
    color:#AB81A8  
}
```

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 #AB81A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB81A8
}
```

Border

The CSS property to change the border of an element to Hex AB81A8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

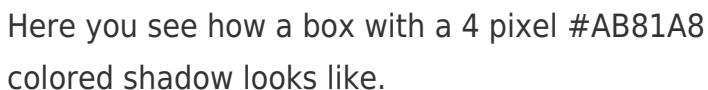
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB81A8 }
```

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

```
.border{ border-color:#AB81A8 }
```

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



Here you see how a box with a 4 pixel `#AB81A8` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB81A8; -webkit-box-shadow:4px 4px  
4px 4px #AB81A8; box-shadow:4px 4px 4px  
4px #AB81A8 }
```

Background

The CSS property to change the background color of an element to Hex AB81A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB81A8 }
```

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

```
.background{ background-color:#AB81A8 }
```

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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