

Converting Colors

Hex(AB96CA)

Have a look what the booklet for
Hex(AB96CA) contains.

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Color

Hex(AB96CA)

Conversions

Conversions Part 1

Format	Color
Hex	AB96CA
RGB	171, 150, 202
RGB Percent	67%, 59%, 79%
CMY	0.3294, 0.4118, 0.2078
CMYK	0.15, 0.26, 0.00, 0.21
HSL	264°, 33%, 69%
HSV	264°, 26%, 79%
XYZ	38.3616, 34.7349, 60.5597
YIQ	162.2070, -4.1760, 20.6240

Conversions

Conversions Part 2

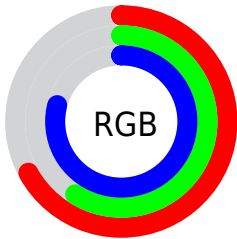
Format	Color
RYB	171, 150, 202
Decimal	11245258
CIELab	65.54, 18.03, -23.89
CIELCh	66, 29.931, 307.051
Yxy	34.7349, 0.2870, 0.2599
Android (android.graphics.Color)	4289435338 (0xFFAB96CA)
YUV	162.2070, 19.6179, 7.7115
Hunter-Lab	58.9363, 13.0470, -19.6678

Details

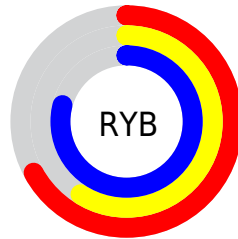
The Hex color **AB96CA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B5CA96**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **E3CCFF**, and **766394** is the 20% darker color. If you saturate the color by 10%, you get **9F82CA**, and if you desaturate by 10%, it is **B7AACA**.

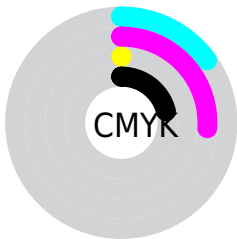
Distribution



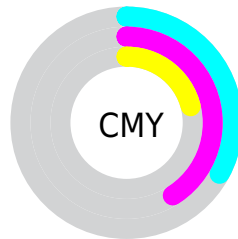
- Red (67%)
- Green (59%)
- Blue (79%)



- Red (67%)
- Yellow (59%)
- Blue (79%)



- Cyan (15%)
- Magenta (26%)
- Yellow (0%)
- Black (21%)



- Cyan (33%)
- Magenta (41%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB96CA 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 AB96CA by changing the saturation by 10% instead.

 AB96CA

 AB96CA

FFFFFF

 907CAF

 E3CCFF

 766394

 FFE8FF

 5D4B7A

 453461

 2D1F49

 170932

 00021D

 000000

 AB96CA

 AB96CA

 9F82CA

 B7AACA

 936ECA

 C3BECA

 8759CA

 CFD3CA

 7B45CA

 DBE7CA

 6F31CA

 E7FBCA

 631DCA

 F3FFCA

 5709CA

 FFFFCA

 5200CA

Harmonies

Analogous

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



85A0D4



AB96CA



C78EB5

Triad

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



AB96CA



C3966E



51AEA5

Complementary

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



AB96CA



B5CA96

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.



6FAC89



AB96CA



ACA06A

Square

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



AB96CA



D28E80



8EA774



46ACBF

Rectangle

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



AB96CA



D18BA3



8EA774



5AAE9B

Sweetspot

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



AB96CA



F3EBFF



96B5CA



787380



000000



808080

Same Dimension

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



AB96CA



D0B0FF



C596CA



605C66



4300A6



0F0026

Inverse Universe

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



CA96B5



FFB0DF



9BCA96



665C62



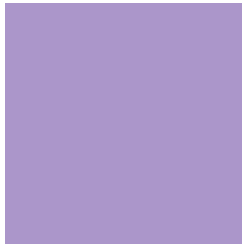
A60063



260017

Previews

White Background



This preview shows how the Hex color AB96CA looks on a white background.

Color Contrast Check

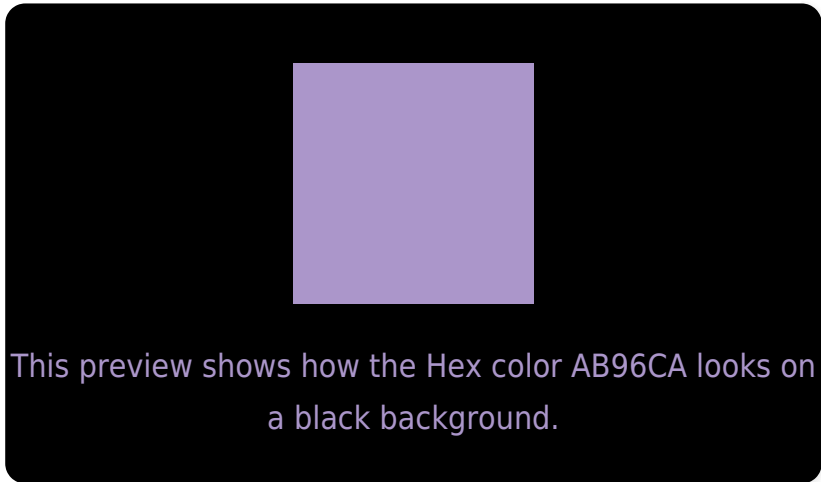
Large Text (above 18pt) WCAG AA × Fail

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

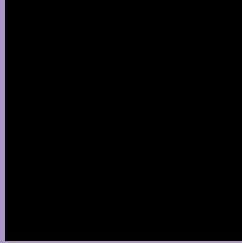
Any Text WCAG AA ✓ Pass

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 AB96CA Background



This preview shows how black text looks on a background with the Hex color AB96CA.



This preview shows how white text looks on a background with the Hex color AB96CA.

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
AB96CA

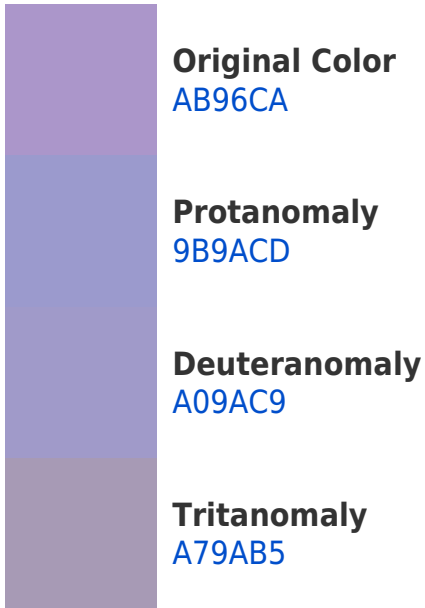
Protanopia
929DCF

Deuteranopia
999CC9

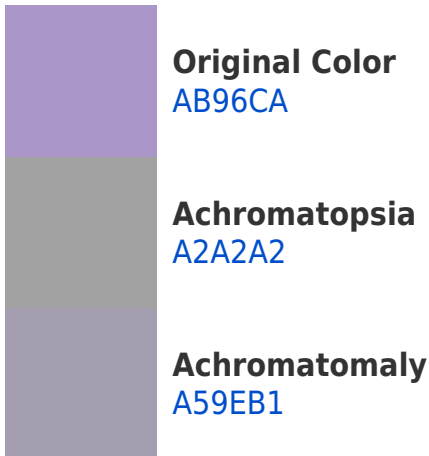


Tritanopia
A59CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB96CA 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 #AB96CA looks like.

```
.text, #text, p{  
    color:#AB96CA  
}
```

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 #AB96CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB96CA
}
```

Border

The CSS property to change the border of an element to Hex AB96CA is called "border". The border property can be set on classes, ids or directly on the HTML element.

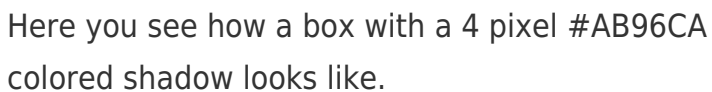
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB96CA }
```

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

```
.border{ border-color:#AB96CA }
```

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



Here you see how a box with a 4 pixel #AB96CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB96CA; -webkit-box-shadow:4px 4px  
4px 4px #AB96CA; box-shadow:4px 4px 4px  
4px #AB96CA }
```

Background

The CSS property to change the background color of an element to Hex AB96CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB96CA }
```

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

```
.background{ background-color:#AB96CA }
```

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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