

Converting Colors

Hex(AB5DAE)

Have a look what the booklet for
Hex(AB5DAE) contains.

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Color

Hex(AB5DAE)

Conversions

Conversions Part 1

Format	Color
Hex	AB5DAE
RGB	171, 93, 174
RGB Percent	67%, 36%, 68%
CMY	0.3294, 0.6353, 0.3176
CMYK	0.02, 0.47, 0.00, 0.32
HSL	298°, 33%, 52%
HSV	298°, 47%, 68%
XYZ	28.3489, 19.5426, 42.3223
YIQ	125.5560, 20.4870, 41.7270

Conversions

Conversions Part 2

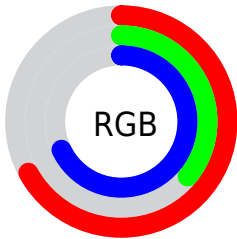
Format	Color
R_{YB}	171, 93, 174
Decimal	11230638
CIE _{Lab}	51.32, 43.91, -29.90
CIE _{LCh}	51, 53.125, 325.752
Yxy	19.5426, 0.3142, 0.2166
Android (android.graphics.Color)	4289420718 (0xFFAB5DAE)
YUV	125.5560, 23.8829, 39.8544
Hunter-Lab	44.2070, 37.1055, -25.8174

Details

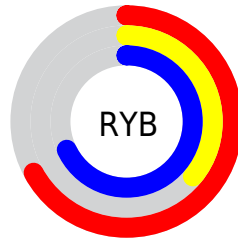
The Hex color **AB5DAE** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **60AE5D**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **E492E6**, and **752A79** is the 20% darker color. If you saturate the color by 10%, you get **AA4CAE**, and if you desaturate by 10%, it is **AC6EAE**.

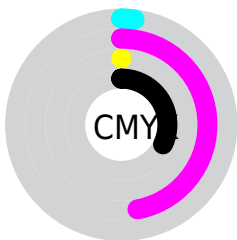
Distribution



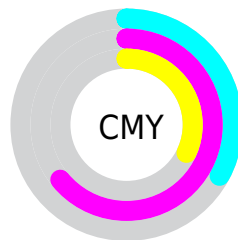
- Red (67%)
- Green (36%)
- Blue (68%)



- Red (67%)
- Yellow (36%)
- Blue (68%)



- Cyan (2%)
- Magenta (47%)
- Yellow (0%)
- Black (32%)



- Cyan (33%)
- Magenta (64%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB5DAE 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 AB5DAE by changing the saturation by 10% instead.

 AB5DAE

 AB5DAE

FFFFFF

 904393

 E492E6

 752A79

 FFADFF

 5B0D60

 FFC9FF

 410048

 FFE6FF

 2B0031

 00001B

 000000

 AB5DAE

 AB5DAE

 AA4CAE

 AC6EAE

■ AA3AAE

■ AC80AE

■ A929AE

■ AD91AE

■ A817AE

■ AEA3AE

■ A806AE

■ AEB4AE

■ A800AE

■ AFC5AE

■ B0D7AE

■ B0E8AE

■ B1FAAE

Harmonies

Analogous

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



6F71CC



AB5DAE



C84F83

Triad

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



AB5DAE



977614



0090A0

Complementary

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



AB5DAE



60AE5D

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.



008F72



AB5DAE



6B831F

Square

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



AB5DAE



B8642F



2B8B44



008BC5

Rectangle

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



AB5DAE



CD5064



2B8B44



009092

Sweetspot

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



AB5DAE



E2C3E3



5D61AE



725F73



F2F2F2



737373

Same Dimension

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



AB5DAE



DE64E3



AE5D8A



564E57



910096



160017

Inverse Universe

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



AE5D60



E36469



5DAE81



574E4E



960006



170001

Previews

White Background



This preview shows how the Hex color AB5DAE looks on a white background.

Color Contrast Check

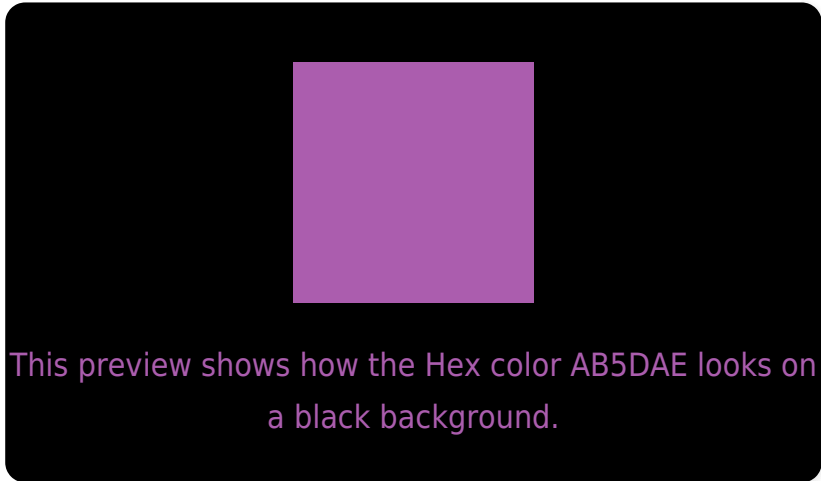
Large Text (above 18pt) WCAG AA ✓ Pass

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

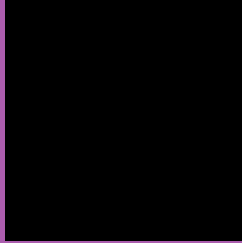
Any Text WCAG AA ✓ Pass

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 AB5DAE Background



This preview shows how black text looks on a background with the Hex color AB5DAE.

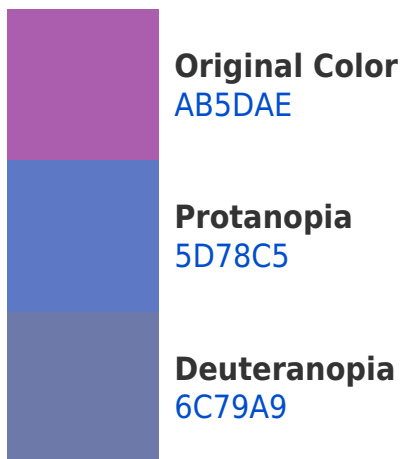



This preview shows how white text looks on a background with the Hex color AB5DAE.

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](#).

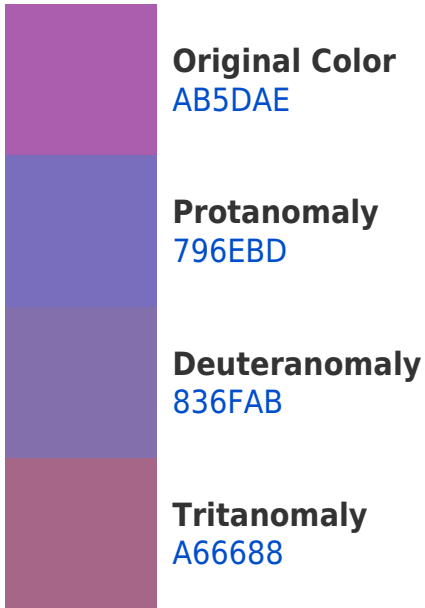
Dichromacy



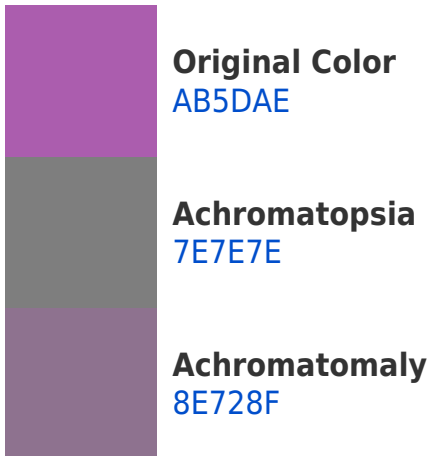


Tritanopia
A36B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB5DAE 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 #AB5DAE looks like.

```
.text, #text, p{  
    color:#AB5DAE  
}
```

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 #AB5DAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB5DAE
}
```

Border

The CSS property to change the border of an element to Hex AB5DAE is called "border". The border property can be set on classes, ids or directly on the HTML element.

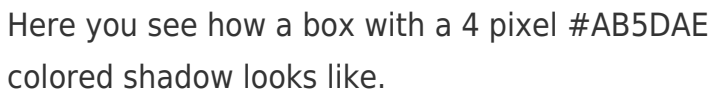
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB5DAE }
```

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

```
.border{ border-color:#AB5DAE }
```

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



Here you see how a box with a 4 pixel `#AB5DAE` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB5DAE; -webkit-box-shadow:4px 4px  
4px 4px #AB5DAE; box-shadow:4px 4px 4px  
4px #AB5DAE }
```

Background

The CSS property to change the background color of an element to Hex AB5DAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB5DAE }
```

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

```
.background{ background-color:#AB5DAE }
```

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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