

# Converting Colors

Hex(AE99CD)

Have a look what the booklet for  
Hex(AE99CD) contains.

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# **Color**

**Hex(AE99CD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AE99CD
RGB	174, 153, 205
RGB Percent	68%, 60%, 80%
CMY	0.3176, 0.4000, 0.1961
CMYK	0.15, 0.25, 0.00, 0.20
HSL	264°, 34%, 70%
HSV	264°, 25%, 80%
XYZ	39.8662, 36.1889, 62.6416
YIQ	165.2070, -4.1760, 20.6240

# Conversions

## Conversions Part 2

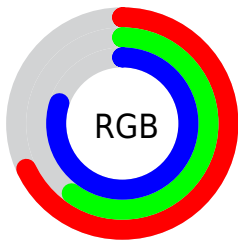
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 153, 205
Decimal	11442637
CIELab	66.66, 17.97, -23.82
CIELCh	67, 29.833, 307.029
Yxy	36.1889, 0.2874, 0.2609
Android (android.graphics.Color)	4289632717 (0xFFAE99CD)
YUV	165.2070, 19.6179, 7.7115
Hunter-Lab	60.1572, 13.0169, -19.6285

# Details

The Hex color **AE99CD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B8CD99**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **E6CFFF**, and **796697** is the 20% darker color. If you saturate the color by 10%, you get **A284CD**, and if you desaturate by 10%, it is **BAAECD**.

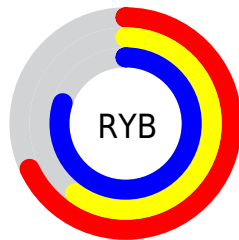
# Distribution



Red (68%)

Green (60%)

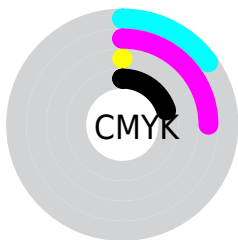
Blue (80%)



Red (68%)

Yellow (60%)

Blue (80%)

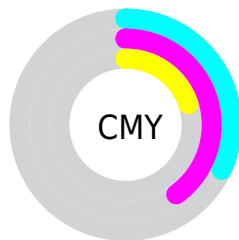


Cyan (15%)

Magenta (25%)

Yellow (0%)

Black (20%)



Cyan (32%)

Magenta (40%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE99CD 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 AE99CD by changing the saturation by 10% instead.



 AE99CD

 AE99CD

FFFFFF

 937FB1

 E6CFFF

 796697

 FFECFF

 604E7D

 473764

 30214B

 190C34

 00001F

 000002

 000000

 AE99CD

 AE99CD

 A284CD

 BAAECD

 9670CD

 C6C2CD

 895CCD

 D3D7CD

 7D47CD

 DFEBCD

 7132CD

 EBFFCD

 651ECD

 F7FFCD

 5809CD

 FFFFCD

 5300CD

# Harmonies

## Analogous

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



88A3D7



AE99CD



CA91B8

# Triad

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



AE99CD



C69971



55B1A8

# Complementary

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



AE99CD



B8CD99

# 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.



72AF8C



AE99CD



AFA36D

# Square

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



AE99CD



D59183



91AA77



4AAFC2

# Rectangle

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



AE99CD



D48EA6



91AA77



5EB19E



# Sweetspot

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



AE99CD



F3EBFF



99B8CD



787380



000000



808080



# Same Dimension

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



AE99CD



D1B3FF



C899CD



605C66



4300A6



0F0026



# Inverse Universe

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



CD99B8



FFB3E0



9ECD99



665C62



A60063

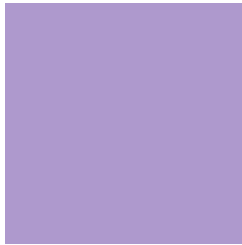


260017



# Previews

## White Background



This preview shows how the Hex color AE99CD looks on a white background.

## Color Contrast Check

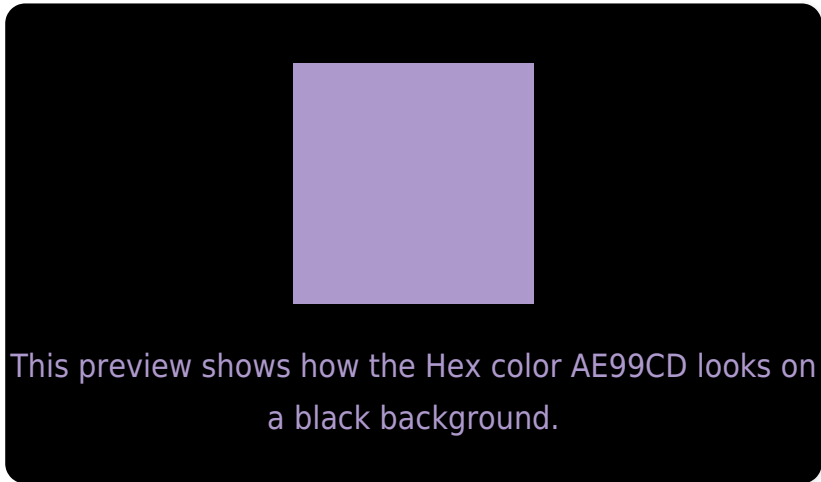
Large Text (above 18pt) WCAG AA × Fail

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

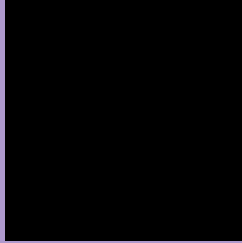
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AE99CD Background



This preview shows how black text looks on a background with the Hex color AE99CD.

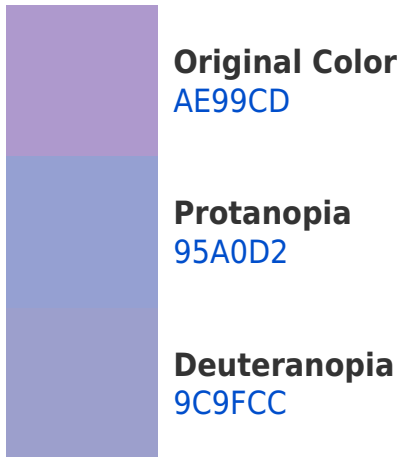


This preview shows how white text looks on a background with the Hex color AE99CD.

# 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](#).

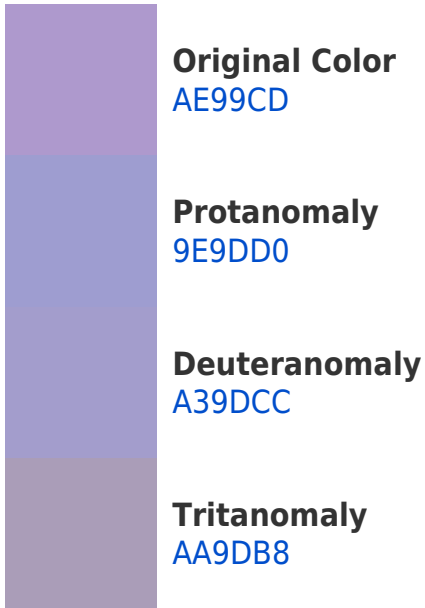
## Dichromacy



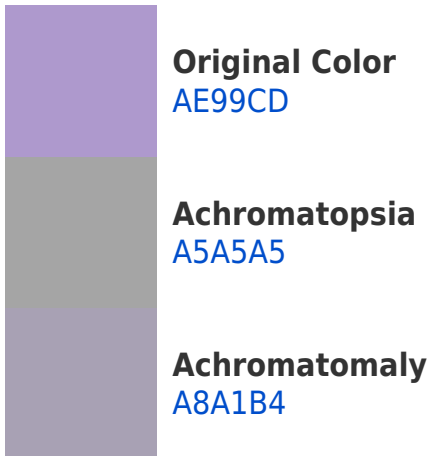


**Tritanopia**  
A89FAC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE99CD 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 #AE99CD looks like.

```
.text, #text, p{  
    color:#AE99CD  
}
```

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 #AE99CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE99CD
}
```

## Border

The CSS property to change the border of an element to Hex AE99CD is called "border". The border property can be set on classes, ids or directly on the HTML element.

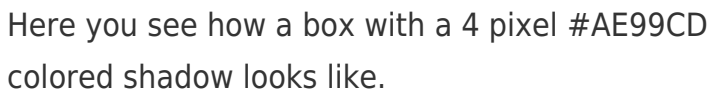
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE99CD }
```

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

```
.border{ border-color:#AE99CD }
```

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



Here you see how a box with a 4 pixel #AE99CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE99CD; -webkit-box-shadow:4px 4px  
4px 4px #AE99CD; box-shadow:4px 4px 4px  
4px #AE99CD }
```

# Background

The CSS property to change the background color of an element to Hex AE99CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE99CD }
```

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

```
.background{ background-color:#AE99CD }
```

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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