

Converting Colors

Hex(AE7ACC)

Have a look what the booklet for
Hex(AE7ACC) contains.

Hex(AE7ACC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AE7ACC)

Conversions

Conversions Part 1

Format	Color
Hex	AE7ACC
RGB	174, 122, 204
RGB Percent	68%, 48%, 80%
CMY	0.3176, 0.5216, 0.2000
CMYK	0.15, 0.40, 0.00, 0.20
HSL	278°, 45%, 64%
HSV	278°, 40%, 80%
XYZ	35.3142, 27.2774, 60.5305
YIQ	146.8960, 4.6700, 36.5260

Conversions

Conversions Part 2

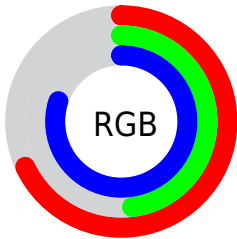
Format	Color
RYB	174, 122, 204
Decimal	11434700
CIELab	59.23, 35.18, -34.74
CIELCh	59, 49.446, 315.361
Yxy	27.2774, 0.2868, 0.2215
Android (android.graphics.Color)	4289624780 (0xFFAE7ACC)
YUV	146.8960, 28.1523, 23.7702
Hunter-Lab	52.2277, 29.2955, -32.1561

Details

The Hex color **AE7ACC** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **98CC7A**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **E7AFFE**, and **784895** is the 20% darker color. If you saturate the color by 10%, you get **A766CC**, and if you desaturate by 10%, it is **B58ECC**.

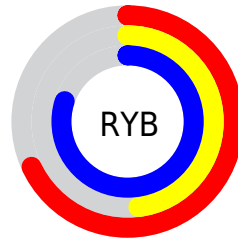
Distribution



Red (68%)

Green (48%)

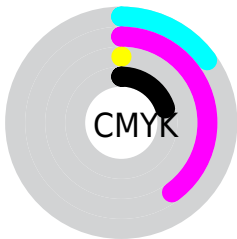
Blue (80%)



Red (68%)

Yellow (48%)

Blue (80%)

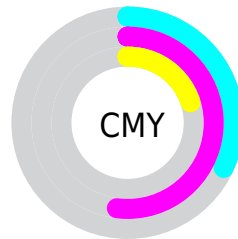


Cyan (15%)

Magenta (40%)

Yellow (0%)

Black (20%)



Cyan (32%)

Magenta (52%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE7ACC 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 AE7ACC by changing the saturation by 10% instead.

 AE7ACC

 AE7ACC

FFFFFF

 9361B0

 E7AFFF

 784895

 FFCBFF

 5E307B

 FFE7FF

 451862

 2C004A

 190033

 00021D

 000000

 AE7ACC

 AE7ACC

 A766CC

 B58ECC

 9F51CC

 BDA3CC

 983DCC


 C4B7CC

 9028CC

 CCCCCC

 8914CC

 D3E0CC

 8100CC

 DBF4CC

 E2FFCC

 EAFFCC

 F1FFCC

Harmonies

Analogous

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



6B8CE2



AE7ACC



D46BA6

Triad

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



AE7ACC



B98538



00A4A4

Complementary

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



AE7ACC



98CC7A

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.



00A377



AE7ACC



929336

Square

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



AE7ACC



D57453



609D4F



00A1CB

Rectangle

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



AE7ACC



DE6888



609D4F



00A495

Sweetspot

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



AE7ACC



F4E0FF



7A98CC



796E80



000000



808080

Same Dimension

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



AE7ACC



D285FF



CC7AC1



625C66



6900A6



180026

Inverse Universe

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



CC7A98



FF85B1



7ACC85



665C60



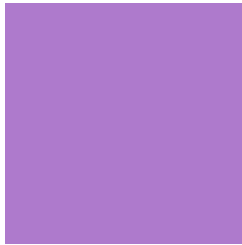
A6003D



26000E

Previews

White Background



This preview shows how the Hex color AE7ACC looks on a white background.

Color Contrast Check

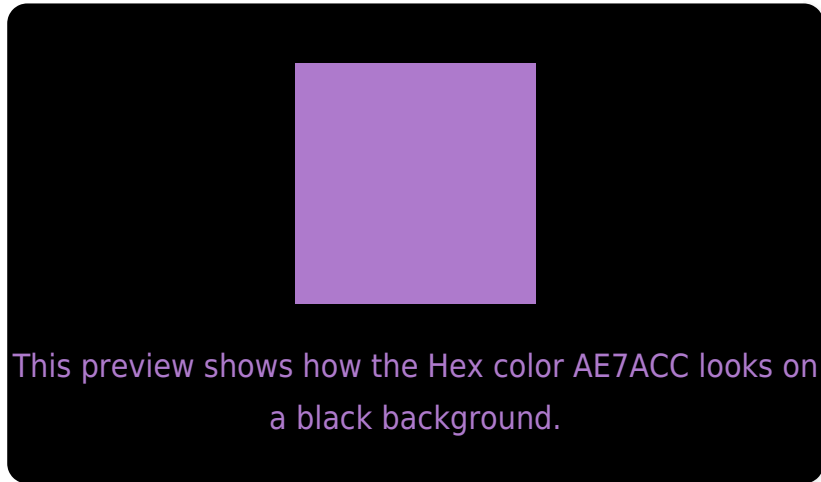
Large Text (above 18pt) WCAG AA ✓ Pass

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

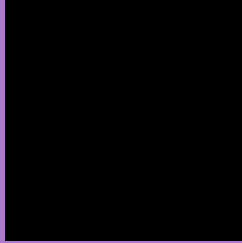
Any Text WCAG AA ✓ Pass

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 AE7ACC Background



This preview shows how black text looks on a background with the Hex color AE7ACC.

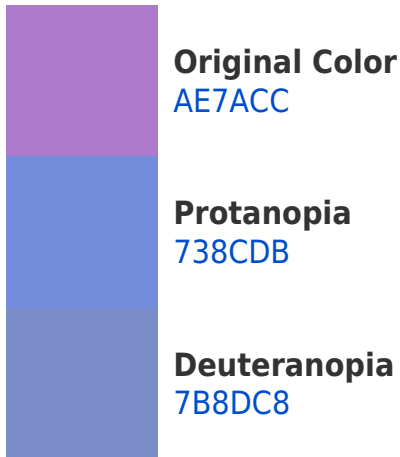


This preview shows how white text looks on a background with the Hex color AE7ACC.

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](#).

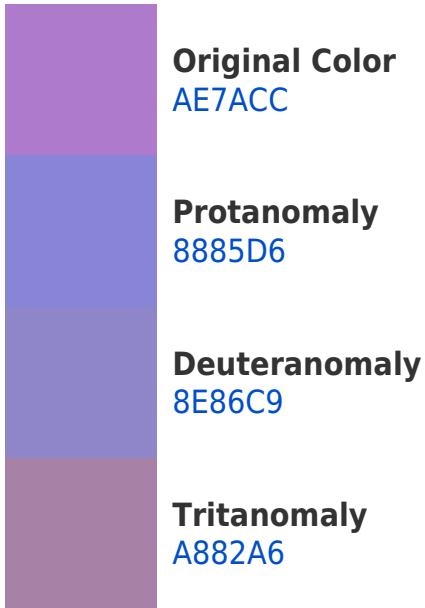
Dichromacy



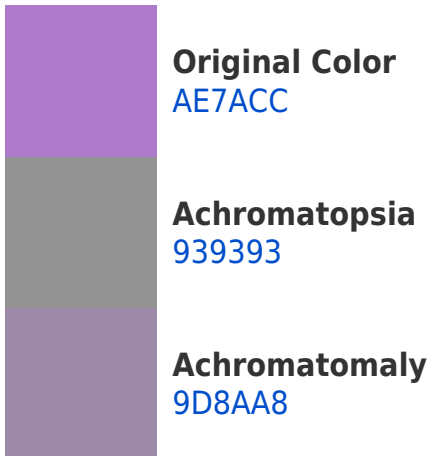


Tritanopia
A58791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AE7ACC 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 #AE7ACC looks like.

```
.text, #text, p{  
    color:#AE7ACC  
}
```

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 #AE7ACC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE7ACC  
}
```

Border

The CSS property to change the border of an element to Hex AE7ACC is called "border". The border property can be set on classes, ids or directly on the HTML element.

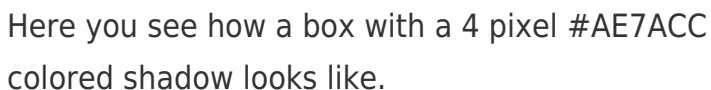
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AE7ACC }
```

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

```
.border{ border-color:#AE7ACC }
```

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



Here you see how a box with a 4 pixel #AE7ACC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE7ACC; -webkit-box-shadow:4px 4px  
4px 4px #AE7ACC; box-shadow:4px 4px 4px  
4px #AE7ACC }
```

Background

The CSS property to change the background color of an element to Hex AE7ACC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE7ACC }
```

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

```
.background{ background-color:#AE7ACC }
```

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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