

# Converting Colors

Hex(AE07C6)

Have a look what the booklet for  
Hex(AE07C6) contains.

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**Color**

**Hex(AE07C6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE07C6
RGB	174, 7, 198
RGB Percent	68%, 3%, 78%
CMY	0.3176, 0.9725, 0.2235
CMYK	0.12, 0.96, 0.00, 0.22
HSL	292°, 93%, 40%
HSV	292°, 96%, 78%
XYZ	27.7246, 13.2278, 54.5181
YIQ	78.7070, 38.2210, 94.8050

# Conversions

## Conversions Part 2

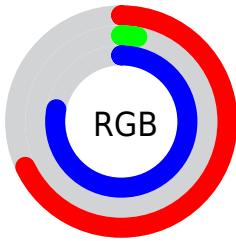
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	174, 7, 198
Decimal	11405254
CIE <sub>Lab</sub>	43.10, 76.84, -56.91
CIE <sub>LCh</sub>	43, 95.617, 323.474
Yxy	13.2278, 0.2904, 0.1386
Android (android.graphics.Color)	4289595334 (0xFFAE07C6)
YUV	78.7070, 58.8114, 83.5720
Hunter-Lab	36.3701, 72.4211, -63.4155

# Details

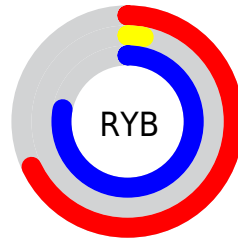
The Hex color **AE07C6** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **1FC607**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **EA58FF**, and **74008F** is the 20% darker color. If you saturate the color by 10%, you get **AD00C6**, and if you desaturate by 10%, it is **B01BC6**.

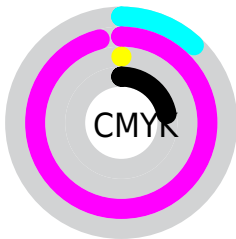
# Distribution



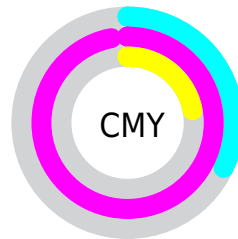
- Red (68%)
- Green (3%)
- Blue (78%)



- Red (68%)
- Yellow (3%)
- Blue (78%)



- Cyan (12%)
- Magenta (96%)
- Yellow (0%)
- Black (22%)



- Cyan (32%)
- Magenta (97%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE07C6 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 AE07C6 by changing the saturation by 10% instead.



 AE07C6

 AE07C6

FFFFFF

 9100AA

 EA58FF

 74008F

 FF76FF

 570075

 FF93FF

 3C005B

 FFB1FF

 1D0043

 FFCEFF

 00002B

 FFECFF

 000116

 000000

 AE07C6

 AE07C6

■ AD00C6

■ B01BC6

■ B32FC6

■ B542C6

■ B856C6

■ BA6AC6

■ BD7EC6

■ BF92C6

■ C2A5C6

■ C4B9C6

# Harmonies

## Analogous

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



005AFB



AE07C6



E1007B

# Triad

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



AE07C6



8B5D00



0084A4

# Complementary

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



AE07C6



1FC607

# 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.



008251



AE07C6



3D7400

# Square

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



AE07C6



C32C00



007E00



0082E7

# Rectangle

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



AE07C6



E70047



007E00



008389



# Sweetspot

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



AE07C6



F6B5FF



0720C6



7A5380



000000



808080



# Same Dimension

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



AE07C6



DF00FF



C60780



625A63



8F00A3



1F0024



# Inverse Universe

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



C6071F



FF0020



07C64D



635A5B



A30015



240004



# Previews

## White Background



This preview shows how the Hex color AE07C6 looks on a white background.

## Color Contrast Check

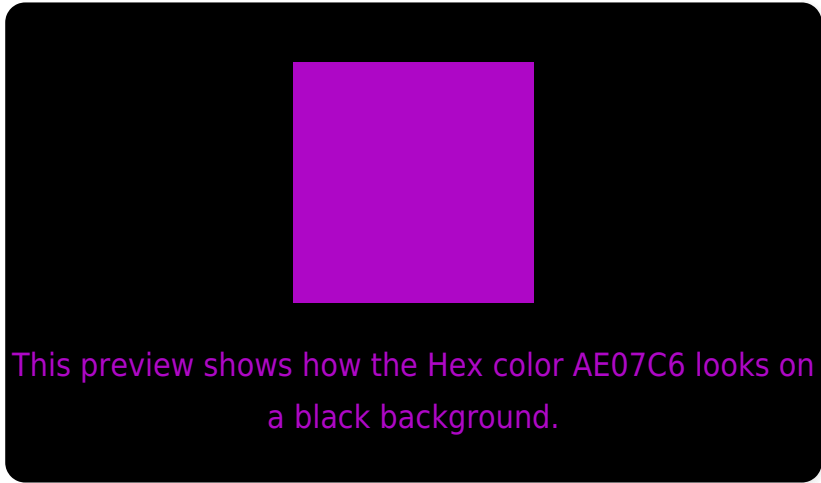
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

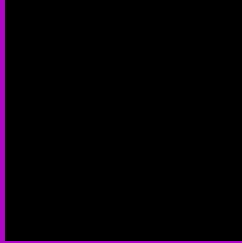
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AE07C6 Background



This preview shows how black text looks on a background with the Hex color AE07C6.

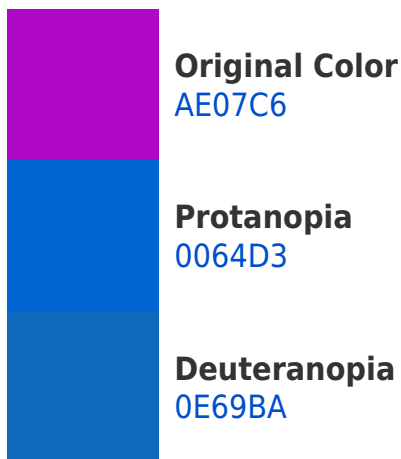


This preview shows how white text looks on a background with the Hex color AE07C6.

# 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](#).

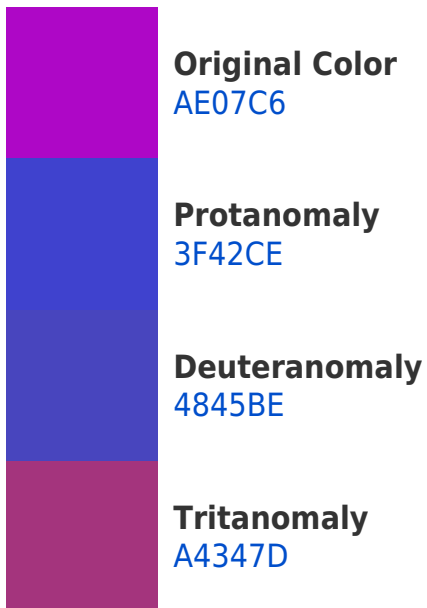
## Dichromacy



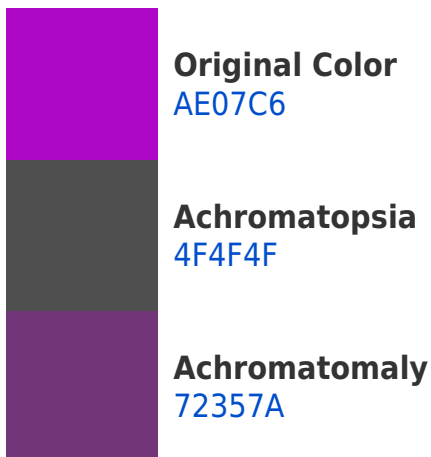


**Tritanopia**  
9F4E53

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE07C6 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 #AE07C6 looks like.

```
.text, #text, p{  
    color:#AE07C6  
}
```

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 #AE07C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE07C6
}
```

## Border

The CSS property to change the border of an element to Hex AE07C6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

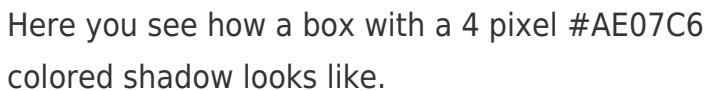
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE07C6 }
```

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

```
.border{ border-color:#AE07C6 }
```

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



Here you see how a box with a 4 pixel `#AE07C6` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE07C6; -webkit-box-shadow:4px 4px  
4px 4px #AE07C6; box-shadow:4px 4px 4px  
4px #AE07C6 }
```

# Background

The CSS property to change the background color of an element to Hex AE07C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE07C6 }
```

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

```
.background{ background-color:#AE07C6 }
```

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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