

# Converting Colors

Hex(AE39CE)

Have a look what the booklet for  
Hex(AE39CE) contains.

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# Color

**Hex(AE39CE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE39CE
RGB	174, 57, 206
RGB Percent	68%, 22%, 81%
CMY	0.3176, 0.7765, 0.1922
CMYK	0.16, 0.72, 0.00, 0.19
HSL	287°, 60%, 52%
HSV	287°, 72%, 81%
XYZ	30.0593, 16.3812, 59.9701
YIQ	108.9690, 21.9030, 71.1430

# Conversions

## Conversions Part 2

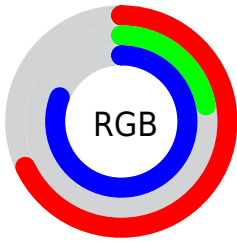
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 57, 206
Decimal	11418062
CIELab	47.47, 67.08, -54.51
CIElCh	47, 86.432, 320.901
Yxy	16.3812, 0.2825, 0.1539
Android (android.graphics.Color)	4289608142 (0xFFAE39CE)
YUV	108.9690, 47.8363, 57.0322
Hunter-Lab	40.4736, 61.7408, -59.5189

# Details

The Hex color **AE39CE** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **59CE39**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **E973FF**, and **750097** is the 20% darker color. If you saturate the color by 10%, you get **AA24CE**, and if you desaturate by 10%, it is **B24ECE**.

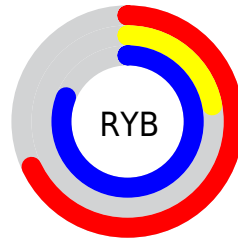
# Distribution



Red (68%)

Green (22%)

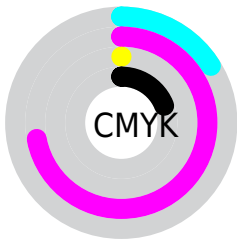
Blue (81%)



Red (68%)

Yellow (22%)

Blue (81%)

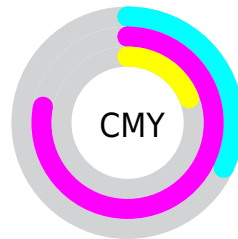


Cyan (16%)

Magenta (72%)

Yellow (0%)

Black (19%)



Cyan (32%)

Magenta (78%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE39CE 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 AE39CE by changing the saturation by 10% instead.



■ AE39CE

■ AE39CE

FFFFFF

■ 9115B2

■ E973FF

■ 750097

■ FF8FFF

■ 59007C

■ FFABFF

■ 3D0063

■ FFC8FF

■ 23004A

■ FFE5FF

■ 000032

■ 00021C

■ 000000

■ AE39CE

■ AE39CE

■ AA24CE

■ B24ECE

■ A510CE

■ B762CE

■ A200CE

■ BB77CE

■ C08BCE

■ C4A0CE

■ C9B5CE

■ CDC9CE

■ D1DECE

■ D6F2CE

# Harmonies

## Analogous

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



0068FB



AE39CE



E2008A

# Triad

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



AE39CE



9C6600



008EA3

# Complementary

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



AE39CE



59CE39

# 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.



008C57



AE39CE



597C00

# Square

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



AE39CE



CD3E00



008700



008CE2

# Rectangle

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



AE39CE



EB005A



008700



008E8A



# Sweetspot

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



AE39CE



F3C7FF



3959CE



785E80



000000



808080



# Same Dimension

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



AE39CE



CF21FF



CE39A4



645C66



8200A6



1E0026



# Inverse Universe

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



CE3959



FF2151



39CE63



665C5E



A60024



260008



# Previews

## White Background



This preview shows how the Hex color AE39CE looks on a white background.

## Color Contrast Check

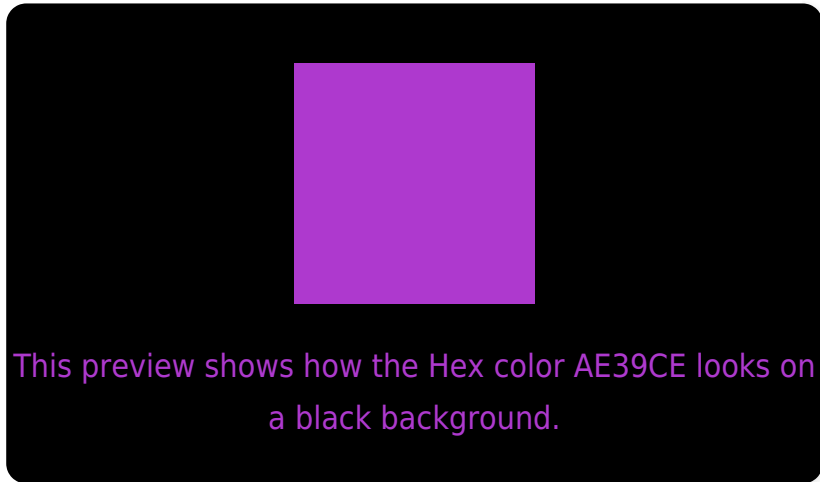
Large Text (above 18pt) WCAG AA ✓ Pass

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

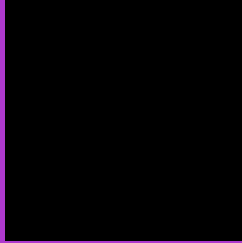
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AE39CE Background



This preview shows how black text looks on a background with the Hex color AE39CE.

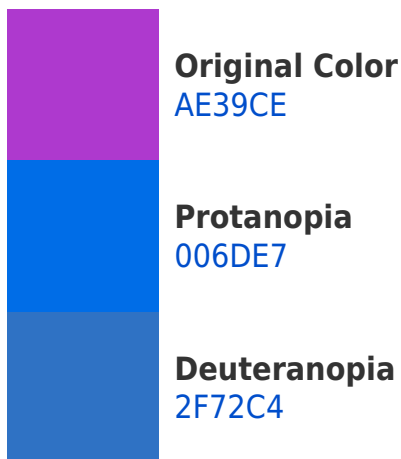



This preview shows how white text looks on a background with the Hex color AE39CE.

# 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](#).

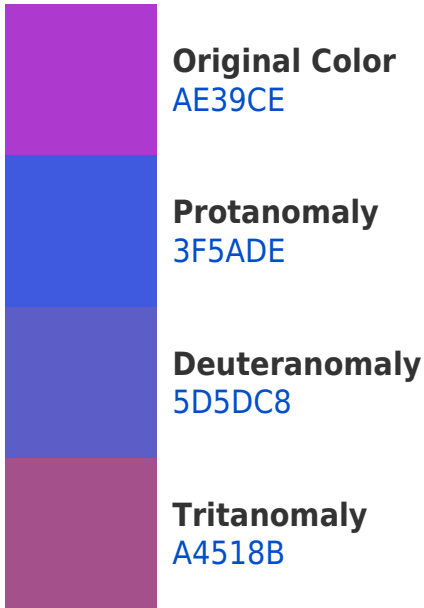
## Dichromacy



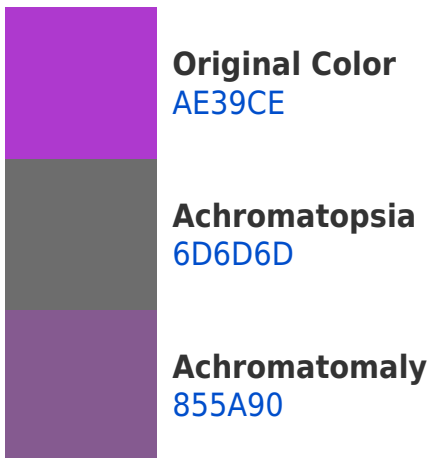


**Tritanopia**  
9F5E65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE39CE 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 #AE39CE looks like.

```
.text, #text, p{  
    color:#AE39CE  
}
```

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 #AE39CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE39CE
}
```

## Border

The CSS property to change the border of an element to Hex AE39CE 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
#AE39CE }
```

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

```
.border{ border-color:#AE39CE }
```

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

Here you see how a box with a 4 pixel #AE39CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE39CE; -webkit-box-shadow:4px 4px  
4px 4px #AE39CE; box-shadow:4px 4px 4px  
4px #AE39CE }
```

# Background

The CSS property to change the background color of an element to Hex AE39CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE39CE }
```

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

```
.background{ background-color:#AE39CE }
```

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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