

# Converting Colors

Hex(AE599A)

Have a look what the booklet for  
Hex(AE599A) contains.

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**Color**

**Hex(AE599A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE599A
RGB	174, 89, 154
RGB Percent	68%, 35%, 60%
CMY	0.3176, 0.6510, 0.3961
CMYK	0.00, 0.49, 0.11, 0.32
HSL	314°, 34%, 52%
HSV	314°, 49%, 68%
XYZ	26.8607, 18.4765, 32.7225
YIQ	121.8250, 29.7950, 38.2350

# Conversions

## Conversions Part 2

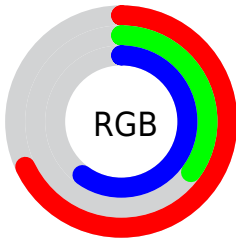
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 89, 154
Decimal	11426202
CIELab	50.07, 43.34, -20.05
CIELCh	50, 47.752, 335.169
Yxy	18.4765, 0.3441, 0.2367
Android (android.graphics.Color)	4289616282 (0xFFAE599A)
YUV	121.8250, 15.8623, 45.7575
Hunter-Lab	42.9843, 36.3211, -15.0464

# Details

The Hex color **AE599A** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **59AE6D**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **E78ED1**, and **772567** is the 20% darker color. If you saturate the color by 10%, you get **AE4896**, and if you desaturate by 10%, it is **AE6A9E**.

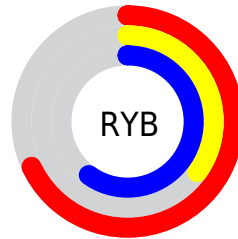
# Distribution



Red (68%)

Green (35%)

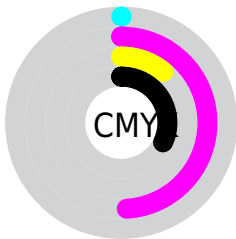
Blue (60%)



Red (68%)

Yellow (35%)

Blue (60%)

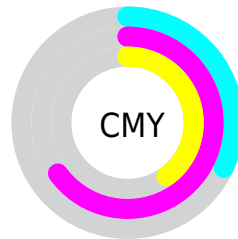


Cyan (0%)

Magenta (49%)

Yellow (11%)

Black (32%)



Cyan (32%)

Magenta (65%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE599A 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 AE599A by changing the saturation by 10% instead.



 AE599A

 AE599A

FFFFFF

 923F80

 E78ED1

 772567

 FFA9ED

 5D054F

 FFC5FF

 430037

 FFE1FF

 2E0022

FFFEFF

 000007

 000000

 AE599A

 AE599A

 AE4896

 AE6A9E

 AE3692

 AE7CA2

 AE258E

 AE8DA6

 AE138A

 AE9FAA

 AE0286

 AEB0AE

 AE0085

 AEC1B3

 AED3B7

 AEE4BB

 AEF6BF

# Harmonies

## Analogous

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



8269BA



AE599A



C15272

# Triad

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



AE599A



86771F



008AA5

# Complementary

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



AE599A



59AE6D

# 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.



008B7D



AE599A



5C8230

# Square

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



AE599A



A8692C



138853



0084C0

# Rectangle

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



AE599A



C05557



138853



008B98



# Sweetspot

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



AE599A



E3C1DB



6D59AE



735E6E



F2F2F2



737373



# Same Dimension

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



AE599A



E35DC3



AE5970



574E55



960073



170012



# Inverse Universe

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



AE599A



E35DC3



59AE97



574E55



960073



170012



# Previews

## White Background



This preview shows how the Hex color AE599A looks on a white background.

## Color Contrast Check

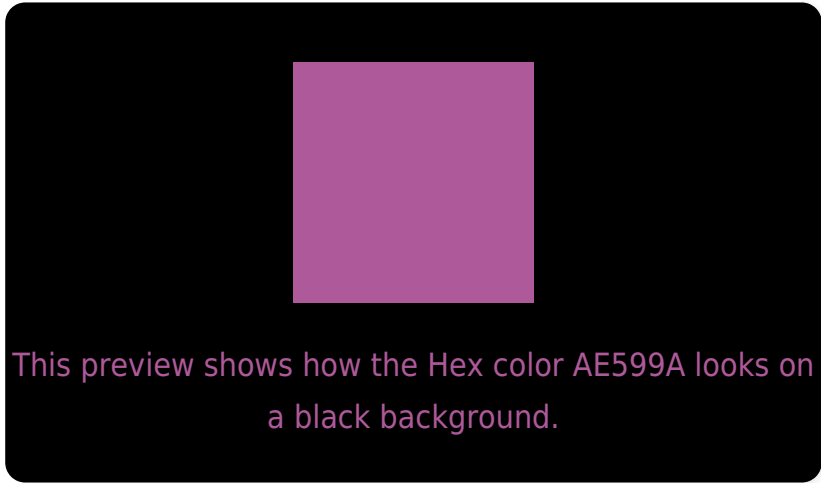
Large Text (above 18pt) WCAG AA ✓ Pass

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

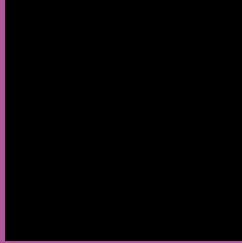
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AE599A Background



This preview shows how black text looks on a background with the Hex color AE599A.

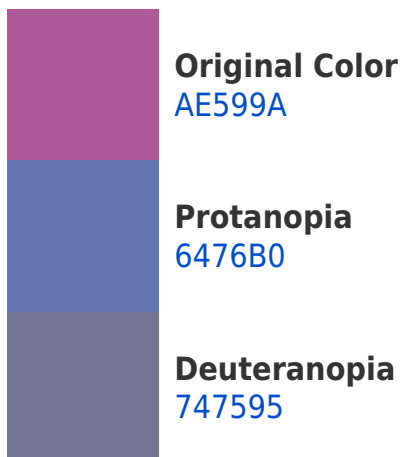



This preview shows how white text looks on a background with the Hex color AE599A.

# 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**  
A9636B

# Trichromacy



**Original Color**  
AE599A

**Protanomaly**  
7F6BA8

**Deuteranomaly**  
896B97

**Tritanomaly**  
AB5F7C

# Monochromacy



**Original Color**  
AE599A

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
8D6E86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE599A 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 #AE599A looks like.

```
.text, #text, p{  
    color:#AE599A  
}
```

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 #AE599A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE599A
}
```

## Border

The CSS property to change the border of an element to Hex AE599A is called "border". The border property can be set on classes, ids or directly on the HTML element.

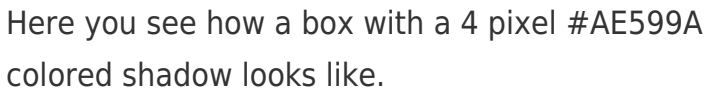
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE599A }
```

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

```
.border{ border-color:#AE599A }
```

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



Here you see how a box with a 4 pixel #AE599A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE599A; -webkit-box-shadow:4px 4px  
4px 4px #AE599A; box-shadow:4px 4px 4px  
4px #AE599A }
```

# Background

The CSS property to change the background color of an element to Hex AE599A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE599A }
```

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

```
.background{ background-color:#AE599A }
```

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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