

# Converting Colors

Hex(AE709E)

Have a look what the booklet for  
Hex(AE709E) contains.

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# Color

**Hex(AE709E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE709E
RGB	174, 112, 158
RGB Percent	68%, 44%, 62%
CMY	0.3176, 0.5608, 0.3804
CMYK	0.00, 0.36, 0.09, 0.32
HSL	315°, 28%, 56%
HSV	315°, 36%, 68%
XYZ	29.4213, 23.0556, 35.2473
YIQ	135.7820, 22.1860, 27.4500

# Conversions

## Conversions Part 2

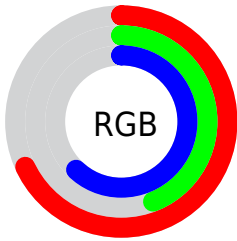
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 112, 158
Decimal	11432094
CIELab	55.13, 31.64, -14.69
CIELCh	55, 34.880, 335.095
Yxy	23.0556, 0.3354, 0.2628
Android (android.graphics.Color)	4289622174 (0xFFAE709E)
YUV	135.7820, 10.9535, 33.5172
Hunter-Lab	48.0163, 25.3448, -9.9116

# Details

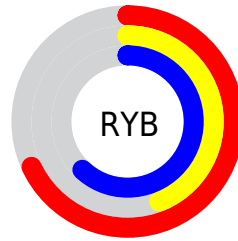
The Hex color **AE709E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **70AE80**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **E6A5D5**, and **783E6B** is the 20% darker color. If you saturate the color by 10%, you get **AE5F9A**, and if you desaturate by 10%, it is **AE81A2**.

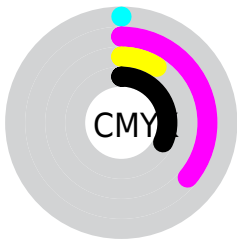
# Distribution



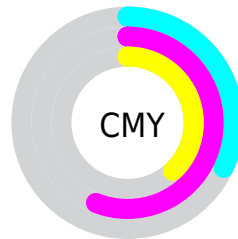
- Red (68%)
- Green (44%)
- Blue (62%)



- Red (68%)
- Yellow (44%)
- Blue (62%)



- Cyan (0%)
- Magenta (36%)
- Yellow (9%)
- Black (32%)



- Cyan (32%)
- Magenta (56%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE709E 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 AE709E by changing the saturation by 10% instead.



 AE709E

 AE709E

FFFFFF

 935784

 E6A5D5

 783E6B

 FFC0F1

 5F2752

 FFDCFF

 460E3B

 FFF9FF

 2E0025

 12000F

 000000

 AE709E

 AE709E

 AE5F9A

 AE81A2

 AE4D95

 AE93A7

 AE3C91

 AEA4AB

 AE2A8C

 AEB6B0

 AE1988

 AEC7B4

 AE0883

 AED8B9

 AE0081

 AEEABD

 AEFBC2

 AEFFC6

# Harmonies

## Analogous

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



8E7AB5



AE709E



BD6C80

# Triad

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



AE709E



928447



0093A6

# Complementary

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



AE709E



70AE80

# 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.



119488



AE709E



728C51

# Square

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



AE709E



AC794E



4C926A



188EBA

# Rectangle

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



AE709E



BE6E6C



4C926A



00939D



# Sweetspot

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



AE709E



E3CADD



8070AE



73646F



F2F2F2



737373



# Same Dimension

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



AE709E



E381CA



AE7080



574E54



960070



170011



# Inverse Universe

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



AE709E



E381CA



70AE9F



574E54



960070

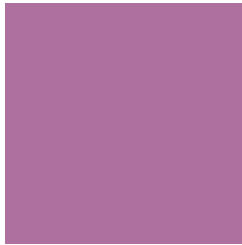


170011



# Previews

## White Background



This preview shows how the Hex color AE709E 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

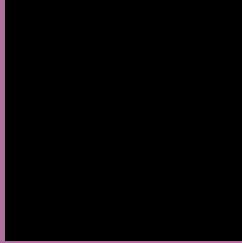
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AE709E Background



This preview shows how black text looks on a background with the Hex color AE709E.




This preview shows how white text looks on a background with the Hex color AE709E.

# 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**  
AA767F

# Trichromacy



**Original Color**  
AE709E

**Protanomaly**  
8D7CA6

**Deuteranomaly**  
957B9C

**Tritanomaly**  
AB748A

# Monochromacy



**Original Color**  
AE709E

**Achromatopsia**  
888888

**Achromatomaly**  
967F90

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE709E 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 #AE709E looks like.

```
.text, #text, p{  
    color:#AE709E  
}
```

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 #AE709E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE709E
}
```

## Border

The CSS property to change the border of an element to Hex AE709E is called "border". The border property can be set on classes, ids or directly on the HTML element.

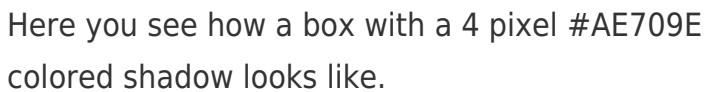
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE709E }
```

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

```
.border{ border-color:#AE709E }
```

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



Here you see how a box with a 4 pixel `#AE709E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE709E; -webkit-box-shadow:4px 4px  
4px 4px #AE709E; box-shadow:4px 4px 4px  
4px #AE709E }
```

# Background

The CSS property to change the background color of an element to Hex AE709E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE709E }
```

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

```
.background{ background-color:#AE709E }
```

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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