

# Converting Colors

Hex(AA729E)

Have a look what the booklet for  
Hex(AA729E) contains.

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# Color

Hex(AA729E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA729E
RGB	170, 114, 158
RGB Percent	67%, 45%, 62%
CMY	0.3333, 0.5529, 0.3804
CMYK	0.00, 0.33, 0.07, 0.33
HSL	313°, 25%, 56%
HSV	313°, 33%, 67%
XYZ	28.7664, 23.0493, 35.2806
YIQ	135.7600, 19.2520, 25.5560

# Conversions

## Conversions Part 2

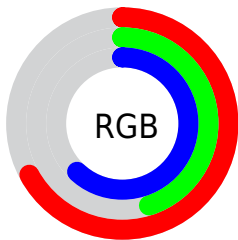
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	170, 114, 158
Decimal	11170462
CIE Lab	55.12, 29.14, -14.74
CIE LCh	55, 32.654, 333.160
Yxy	23.0493, 0.3303, 0.2646
Android (android.graphics.Color)	4289360542 (0xFFAA729E)
YUV	135.7600, 10.9643, 30.0285
Hunter-Lab	48.0097, 22.9366, -9.9633

# Details

The Hex color **AA729E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **72AA7E**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **E2A7D5**, and **75416B** is the 20% darker color. If you saturate the color by 10%, you get **AA619A**, and if you desaturate by 10%, it is **AA83A2**.

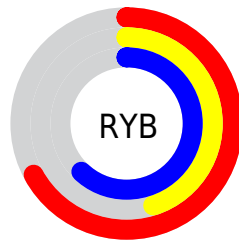
# Distribution



Red (67%)

Green (45%)

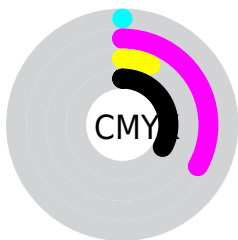
Blue (62%)



Red (67%)

Yellow (45%)

Blue (62%)

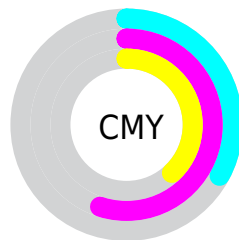


Cyan (0%)

Magenta (33%)

Yellow (7%)

Black (33%)



Cyan (33%)

Magenta (55%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA729E 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 AA729E by changing the saturation by 10% instead.



■ AA729E

■ AA729E

FFFFFF

■ 8F5984

■ E2A7D5

■ 75416B

■ FFC2F1

■ 5B2952

■ FFDEFF

■ 43123B

■ FFFBFF

■ 2C0025

■ 0E000F

■ 000000

■ AA729E

■ AA729E

■ AA619A

■ AA83A2

■ AA5097

■ AA94A5

■ AA3F93

■ AAA5A9

■ AA2E8F

■ AAB6AD

■ AA1D8C

■ AAC7B0

■ AA0C88

■ AAD8B4

■ AA0086

■ AAE9B7

■ AAFABB

■ AAFFBF

# Harmonies

## Analogous

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



8B7CB3



AA729E



B96E82

# Triad

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



AA729E



93834B



0092A2

# Complementary

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



AA729E



72AA7E

# 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.



289386



AA729E



768B54

# Square

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



AA729E



AB7952



539169



288EB6

# Rectangle

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



AA729E



BB6F6F



539169



009399



# Sweetspot

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



AA729E



DEC8D9



7D72AA



70636D



F0F0F0



707070



# Same Dimension

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



AA729E



DE85CB



AA7283



544C52



940074



140010



# Inverse Universe

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



AA729E



DE85CB



72AA99



544C52



940074

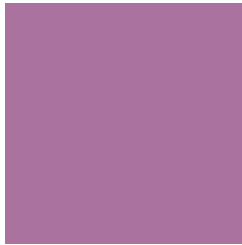


140010



# Previews

## White Background



This preview shows how the Hex color AA729E looks on a white background.

## Color Contrast Check

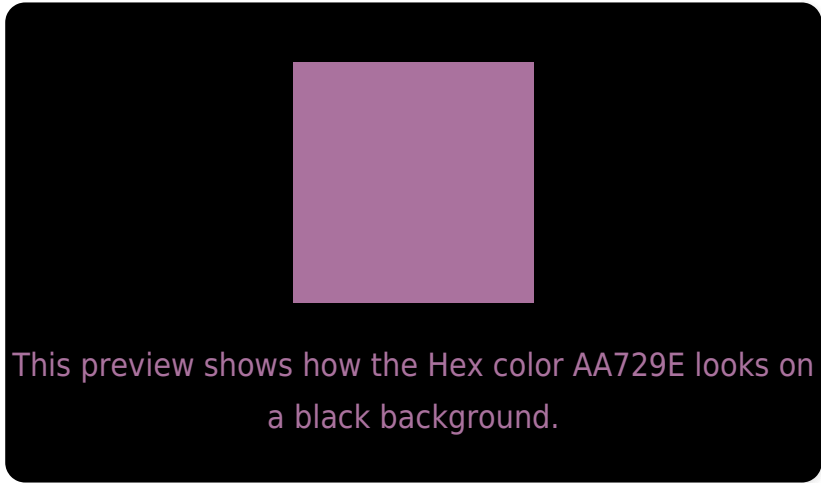
Large Text (above 18pt) WCAG AA ✓ Pass

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

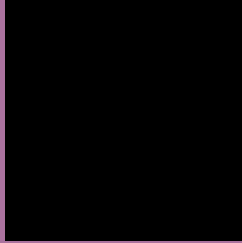
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AA729E Background



This preview shows how black text looks on a background with the Hex color AA729E.



This preview shows how white text looks on a background with the Hex color AA729E.

# 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



**Original Color**  
AA729E

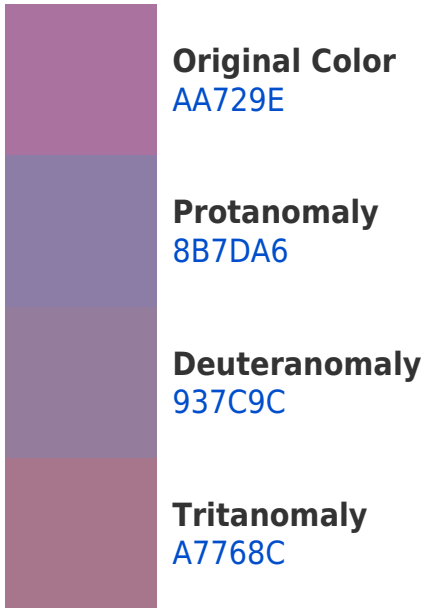
**Protanopia**  
7A83AA

**Deuteranopia**  
86819B

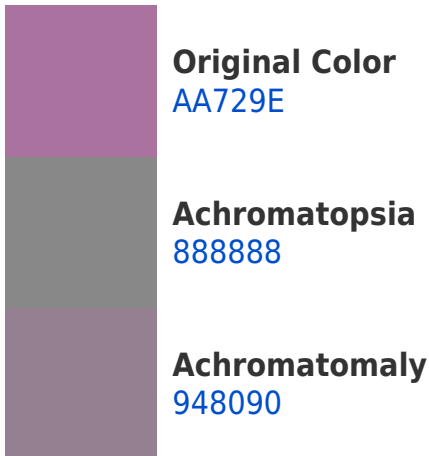


**Tritanopia**  
A67881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA729E 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 #AA729E looks like.

```
.text, #text, p{  
    color:#AA729E  
}
```

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 #AA729E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA729E
}
```

## Border

The CSS property to change the border of an element to Hex AA729E is called "border". The border property can be set on classes, ids or directly on the HTML element.

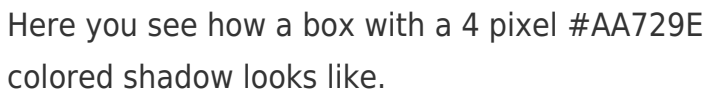
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA729E }
```

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

```
.border{ border-color:#AA729E }
```

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



Here you see how a box with a 4 pixel #AA729E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA729E; -webkit-box-shadow:4px 4px  
4px 4px #AA729E; box-shadow:4px 4px 4px  
4px #AA729E }
```

# Background

The CSS property to change the background color of an element to Hex AA729E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA729E }
```

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

```
.background{ background-color:#AA729E }
```

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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