

Converting Colors

Hex(AA679E)

Have a look what the booklet for
Hex(AA679E) contains.

Hex(AA679E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AA679E)

Conversions

Conversions Part 1

Format	Color
Hex	AA679E
RGB	170, 103, 158
RGB Percent	67%, 40%, 62%
CMY	0.3333, 0.5961, 0.3804
CMYK	0.00, 0.39, 0.07, 0.33
HSL	311°, 28%, 54%
HSV	311°, 39%, 67%
XYZ	27.5994, 20.7152, 34.8915
YIQ	129.3030, 22.2770, 31.3090

Conversions

Conversions Part 2

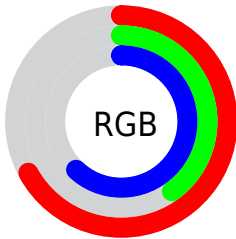
Format	Color
R _{YB}	170, 103, 158
Decimal	11167646
CIE _{Lab}	52.64, 35.25, -18.52
CIE _{LCh}	53, 39.822, 332.280
Yxy	20.7152, 0.3317, 0.2490
Android (android.graphics.Color)	4289357726 (0xFFAA679E)
YUV	129.3030, 14.1476, 35.6913
Hunter-Lab	45.5139, 28.5920, -13.5927

Details

The Hex color **AA679E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **67AA73**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **E29BD5**, and **74356A** is the 20% darker color. If you saturate the color by 10%, you get **AA569B**, and if you desaturate by 10%, it is **AA78A1**.

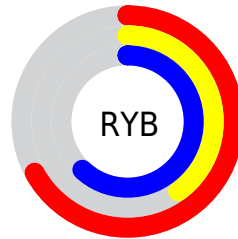
Distribution



Red (67%)

Green (40%)

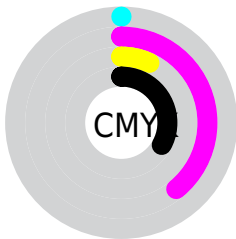
Blue (62%)



Red (67%)

Yellow (40%)

Blue (62%)

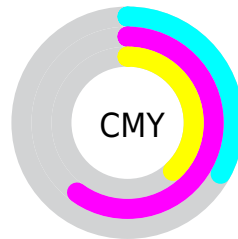


Cyan (0%)

Magenta (39%)

Yellow (7%)

Black (33%)



Cyan (33%)

Magenta (60%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA679E 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 AA679E by changing the saturation by 10% instead.

■ AA679E

■ AA679E

FFFFFF

■ 8F4E84

■ E29BD5

■ 74356A

■ FFB7F1

■ 5B1D52

■ FFD3FF

■ 42023B

■ FFEFFF

■ 2C0025

■ 02000E

■ 000000

■ AA679E

■ AA679E

■ AA569B

■ AA78A1

■ AA4598

■ AA89A4

■ AA3495

■ AA9AA7

■ AA2392

■ AAABAA

■ AA128F

■ AABCAD

■ AA018C

■ AACDB0

■ AA008C

■ AADEB3

■ AAEFB6

■ AAFFB9

Harmonies

Analogous

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



8474B8



AA679E



BC617C

Triad

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



AA679E



8F7D37



008EA1

Complementary

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



AA679E



67AA73

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.



008F7F



AA679E



6C8642

Square

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



AA679E



AB7041



3F8C5D



0089B9

Rectangle

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



AA679E



BE6366



3F8C5D



008F96

Sweetspot

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



AA679E



DEC3D9



7267AA



70606D



F0F0F0



707070

Same Dimension

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



AA679E



DE76CB



AA677D



544C53



940079



140011

Inverse Universe

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



AA679E



DE76CB



67AA94



544C53



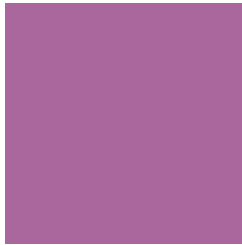
940079



140011

Previews

White Background



This preview shows how the Hex color AA679E looks on a white background.

Color Contrast Check

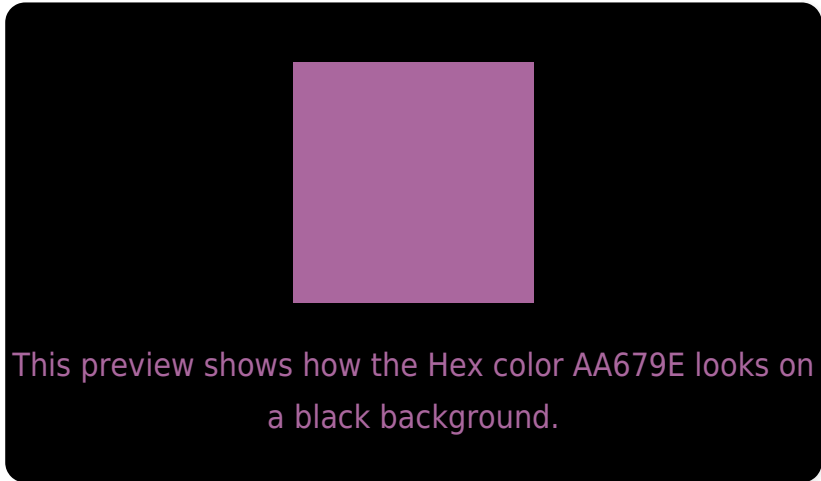
Large Text (above 18pt) WCAG AA ✓ Pass

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

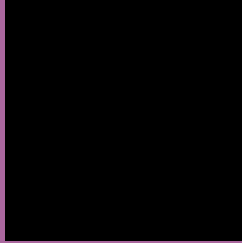
Any Text WCAG AA ✓ Pass

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 AA679E Background



This preview shows how black text looks on a background with the Hex color AA679E.

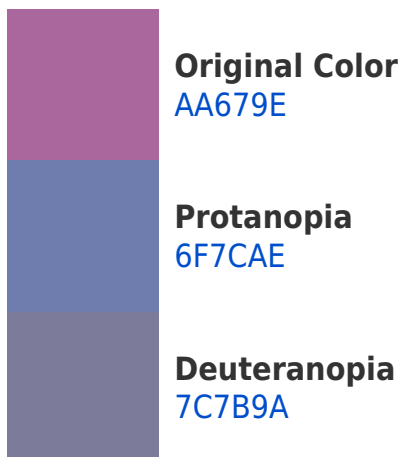


This preview shows how white text looks on a background with the Hex color AA679E.

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](#).

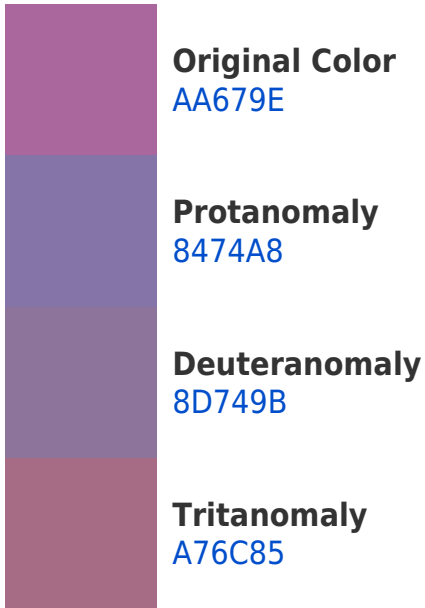
Dichromacy





Tritanopia
A56F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA679E 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 #AA679E looks like.

```
.text, #text, p{  
    color:#AA679E  
}
```

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 #AA679E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA679E
}
```

Border

The CSS property to change the border of an element to Hex AA679E is called "border". The border property can be set on classes, ids or directly on the HTML element.

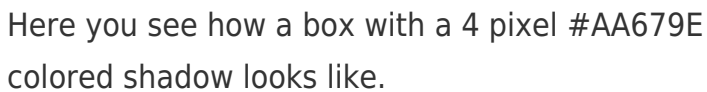
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA679E }
```

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

```
.border{ border-color:#AA679E }
```

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



Here you see how a box with a 4 pixel #AA679E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA679E; -webkit-box-shadow:4px 4px  
4px 4px #AA679E; box-shadow:4px 4px 4px  
4px #AA679E }
```

Background

The CSS property to change the background color of an element to Hex AA679E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA679E }
```

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

```
.background{ background-color:#AA679E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor