

Converting Colors

Hex(AA6D9E)

Have a look what the booklet for
Hex(AA6D9E) contains.

Hex(AA6D9E)	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(AA6D9E)

Conversions

Conversions Part 1

Format	Color
Hex	AA6D9E
RGB	170, 109, 158
RGB Percent	67%, 43%, 62%
CMY	0.3333, 0.5725, 0.3804
CMYK	0.00, 0.36, 0.07, 0.33
HSL	312°, 26%, 55%
HSV	312°, 36%, 67%
XYZ	28.2178, 21.9519, 35.0977
YIQ	132.8250, 20.6270, 28.1710

Conversions

Conversions Part 2

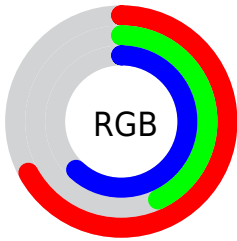
Format	Color
R _{YB}	170, 109, 158
Decimal	11169182
CIE Lab	53.98, 31.93, -16.48
CIE LCh	54, 35.935, 332.698
Yxy	21.9519, 0.3309, 0.2574
Android (android.graphics.Color)	4289359262 (0xFFAA6D9E)
YUV	132.8250, 12.4113, 32.6025
Hunter-Lab	46.8529, 25.5113, -11.6173

Details

The Hex color **AA6D9E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6DAA79**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **E2A2D5**, and **753C6B** is the 20% darker color. If you saturate the color by 10%, you get **AA5C9B**, and if you desaturate by 10%, it is **AA7EA1**.

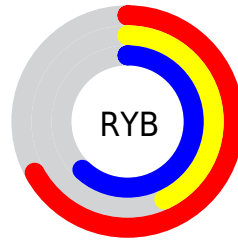
Distribution



Red (67%)

Green (43%)

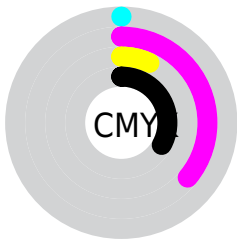
Blue (62%)



Red (67%)

Yellow (43%)

Blue (62%)

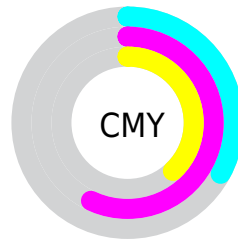


Cyan (0%)

Magenta (36%)

Yellow (7%)

Black (33%)



Cyan (33%)

Magenta (57%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA6D9E 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 AA6D9E by changing the saturation by 10% instead.

■ AA6D9E

■ AA6D9E

FFFFFF

■ 8F5484

■ E2A2D5

■ 753C6B

■ FFBDF1

■ 5B2452

■ FFD9FF

■ 420B3B

■ FFF6FF

■ 2C0025

■ 09000F

■ 000000

■ AA6D9E

■ AA6D9E

■ AA5C9B

■ AA7EA1

■ AA4B97

■ AA8FA5

■ AA3A94

■ AAA0A8

■ AA2991

■ AAB1AB

■ AA188D

■ AAC2AF

■ AA078A

■ AAD3B2

■ AA0089

■ AAE4B5

■ AAF5B9

■ AAFFBC

Harmonies

Analogous

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



8878B5



AA6D9E



BB687F

Triad

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



AA6D9E



928042



0090A2

Complementary

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



AA6D9E



6DAA79

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.



029183



AA6D9E



71894B

Square

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



AA6D9E



AB754A



4A8F64



008CB7

Rectangle

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



AA6D9E



BC696B



4A8F64



009198

Sweetspot

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



AA6D9E



DEC5D9



786DAA



70626D



F0F0F0



707070

Same Dimension

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



AA6D9E



DE7ECB



AA6D80



544C52



940077



140010

Inverse Universe

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



AA6D9E



DE7ECB



6DAA97



544C52



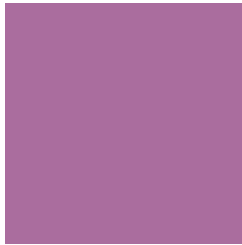
940077



140010

Previews

White Background



This preview shows how the Hex color AA6D9E looks on a white background.

Color Contrast Check

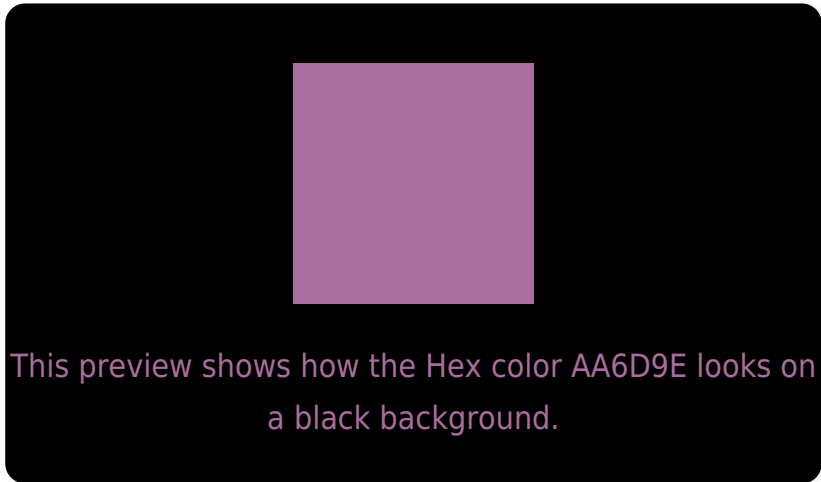
Large Text (above 18pt) WCAG AA ✓ Pass

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

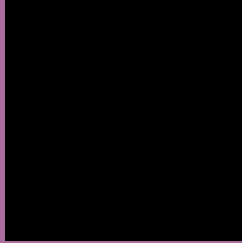
Any Text WCAG AA ✓ Pass

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 AA6D9E Background



This preview shows how black text looks on a background with the Hex color AA6D9E.

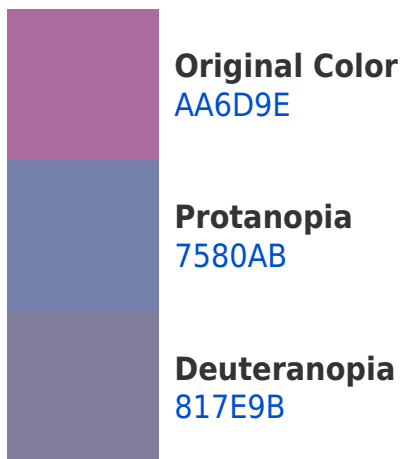



This preview shows how white text looks on a background with the Hex color AA6D9E.

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](#).

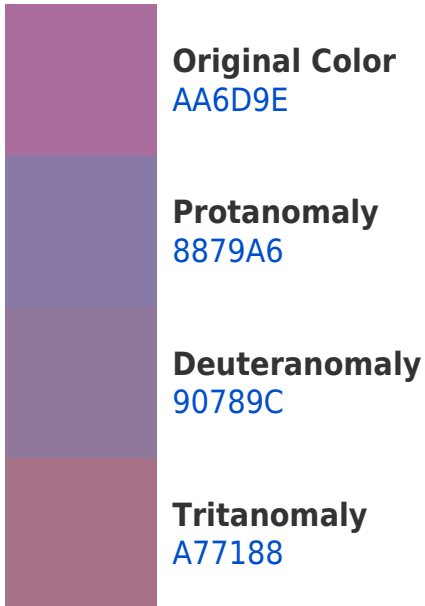
Dichromacy





Tritanopia
A6747C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA6D9E 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 #AA6D9E looks like.

```
.text, #text, p{  
    color:#AA6D9E  
}
```

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 #AA6D9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA6D9E
}
```

Border

The CSS property to change the border of an element to Hex AA6D9E is called "border". The border property can be set on classes, ids or directly on the HTML element.

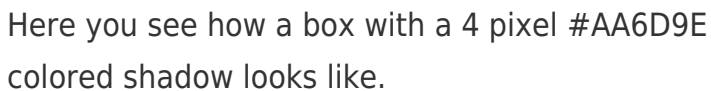
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA6D9E }
```

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

```
.border{ border-color:#AA6D9E }
```

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



Here you see how a box with a 4 pixel #AA6D9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA6D9E; -webkit-box-shadow:4px 4px  
4px 4px #AA6D9E; box-shadow:4px 4px 4px  
4px #AA6D9E }
```

Background

The CSS property to change the background color of an element to Hex AA6D9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA6D9E }
```

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

```
.background{ background-color:#AA6D9E }
```

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