

# Converting Colors

Hex(AA6C9F)

Have a look what the booklet for  
Hex(AA6C9F) contains.

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# Color

**Hex(AA6C9F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA6C9F
RGB	170, 108, 159
RGB Percent	67%, 42%, 62%
CMY	0.3333, 0.5765, 0.3765
CMYK	0.00, 0.36, 0.06, 0.33
HSL	311°, 27%, 55%
HSV	311°, 36%, 67%
XYZ	28.1981, 21.7744, 35.5176
YIQ	132.3520, 20.5810, 29.0050

# Conversions

## Conversions Part 2

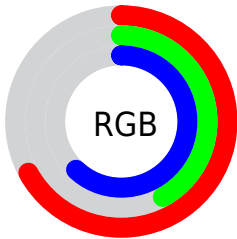
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	170, 108, 159
Decimal	11168927
CIE <sub>Lab</sub>	53.79, 32.67, -17.35
CIE <sub>LCh</sub>	54, 36.993, 332.024
Yxy	21.7744, 0.3298, 0.2547
Android (android.graphics.Color)	4289359007 (0xFFAA6C9F)
YUV	132.3520, 13.1375, 33.0173
Hunter-Lab	46.6630, 26.2060, -12.4645

# Details

The Hex color **AA6C9F** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6CAA77**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **E2A1D6**, and **753B6B** is the 20% darker color. If you saturate the color by 10%, you get **AA5B9C**, and if you desaturate by 10%, it is **AA7DA2**.

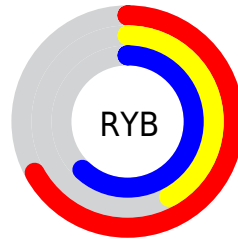
# Distribution



Red (67%)

Green (42%)

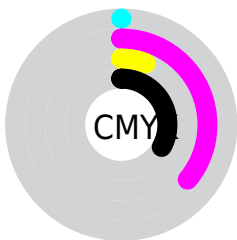
Blue (62%)



Red (67%)

Yellow (42%)

Blue (62%)

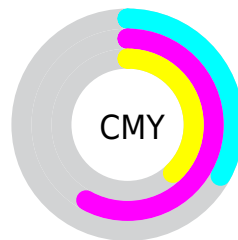


Cyan (0%)

Magenta (36%)

Yellow (6%)

Black (33%)



Cyan (33%)

Magenta (58%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA6C9F 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 AA6C9F by changing the saturation by 10% instead.



■ AA6C9F

■ AA6C9F

FFFFFF

■ 8F5385

■ E2A1D6

■ 753B6B

■ FFBCF2

■ 5B2353

■ FFD8FF

■ 42093C

■ FFF5FF

■ 2C0026

■ 080010

■ 000000

■ AA6C9F

■ AA6C9F

■ AA5B9C

■ AA7DA2

■ AA4A99

■ AA8EA5

■ AA3996

■ AA9FA8

■ AA2893

■ AAB0AB

■ AA1790

■ AAC1AE

■ AA068D

■ AAD2B1

■ AA008C

■ AAE3B4

■ AAF4B7

■ AAFFBA

# Harmonies

## Analogous

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



8677B7



AA6C9F



BC6680

# Triad

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



AA6C9F



927F3F



0090A1

# Complementary

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



AA6C9F



6CAA77

# 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.



009182



AA6C9F



718949

# Square

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



AA6C9F



AC7449



498F61



008CB8

# Rectangle

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



AA6C9F



BD686A



498F61



009197



# Sweetspot

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



AA6C9F



DEC5DA



766CAA



70626E



F0F0F0



707070



# Same Dimension

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



AA6C9F



DE7CCD



AA6C81



544C53



94007A



140011



# Inverse Universe

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



AA6C9F



DE7CCD



6CAA95



544C53



94007A

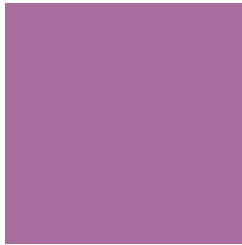


140011



# Previews

## White Background



This preview shows how the Hex color AA6C9F looks on a white background.

## Color Contrast Check

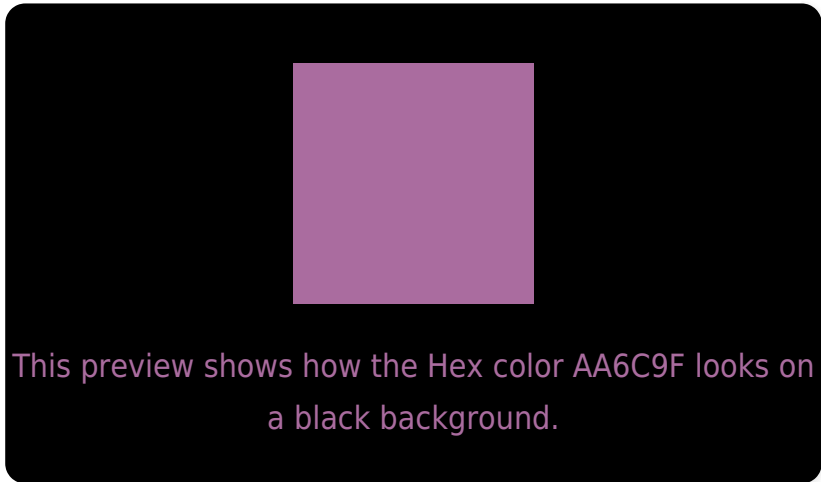
Large Text (above 18pt) WCAG AA ✓ Pass

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

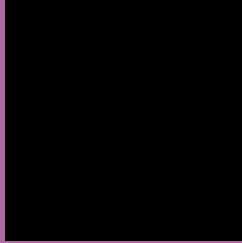
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AA6C9F Background



This preview shows how black text looks on a background with the Hex color AA6C9F.

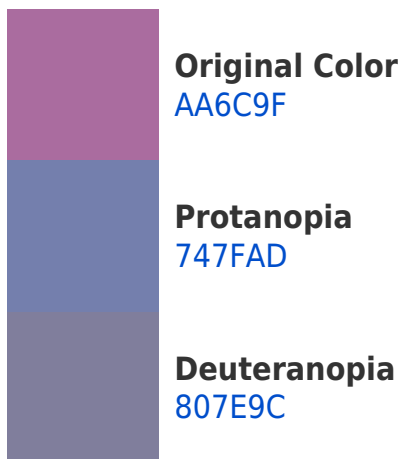


This preview shows how white text looks on a background with the Hex color AA6C9F.

# 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**  
A6737C

# Trichromacy



**Original Color**  
AA6C9F

**Protanomaly**  
8878A8

**Deuteranomaly**  
8F779D

**Tritanomaly**  
A77089

# Monochromacy



**Original Color**  
AA6C9F

**Achromatopsia**  
848484

**Achromatomaly**  
927B8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA6C9F 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 #AA6C9F looks like.

```
.text, #text, p{  
    color:#AA6C9F  
}
```

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 #AA6C9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA6C9F
}
```

## Border

The CSS property to change the border of an element to Hex AA6C9F is called "border". The border property can be set on classes, ids or directly on the HTML element.

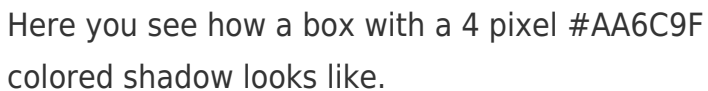
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA6C9F }
```

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

```
.border{ border-color:#AA6C9F }
```

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



Here you see how a box with a 4 pixel #AA6C9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA6C9F; -webkit-box-shadow:4px 4px  
4px 4px #AA6C9F; box-shadow:4px 4px 4px  
4px #AA6C9F }
```

# Background

The CSS property to change the background color of an element to Hex AA6C9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA6C9F }
```

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

```
.background{ background-color:#AA6C9F }
```

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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