

Converting Colors

Hex(AA539F)

Have a look what the booklet for
Hex(AA539F) contains.

Hex(AA539F)	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(AA539F)

Conversions

Conversions Part 1

Format	Color
Hex	AA539F
RGB	170, 83, 159
RGB Percent	67%, 33%, 62%
CMY	0.3333, 0.6745, 0.3765
CMYK	0.00, 0.51, 0.06, 0.33
HSL	308°, 34%, 50%
HSV	308°, 51%, 67%
XYZ	25.9288, 17.2358, 34.7611
YIQ	117.6770, 27.4560, 42.0800

Conversions

Conversions Part 2

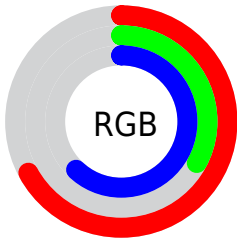
Format	Color
R _Y B	170, 83, 159
Decimal	11162527
CIE Lab	48.56, 46.02, -25.39
CIE LCh	49, 52.560, 331.116
Yxy	17.2358, 0.3327, 0.2212
Android (android.graphics.Color)	4289352607 (0xFFAA539F)
YUV	117.6770, 20.3722, 45.8873
Hunter-Lab	41.5160, 38.8293, -20.5820

Details

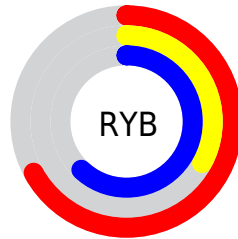
The Hex color **AA539F** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **53AA5E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **E388D6**, and **731E6B** is the 20% darker color. If you saturate the color by 10%, you get **AA429D**, and if you desaturate by 10%, it is **AA64A1**.

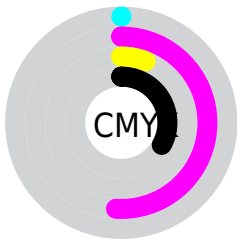
Distribution



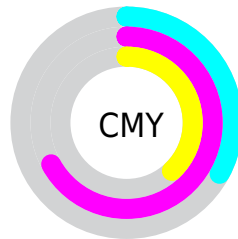
- Red (67%)
- Green (33%)
- Blue (62%)



- Red (67%)
- Yellow (33%)
- Blue (62%)



- Cyan (0%)
- Magenta (51%)
- Yellow (6%)
- Black (33%)



- Cyan (33%)
- Magenta (67%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA539F 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 AA539F by changing the saturation by 10% instead.

■ AA539F

■ AA539F

FFFFFF

■ 8E3985

■ E388D6

■ 731E6B

■ FFA3F2

■ 590053

■ FFBFFF

■ 40003B

■ FFDBFF

■ 2A0026

■ FFF8FF

■ 00010D

■ 000000

■ AA539F

■ AA539F

■ AA429D

■ AA64A1

■ AA319B

■ AA75A3

■ AA2099

■ AA86A5

■ AA0F96

■ AA97A8

■ AA0095

■ AAA8AA

■ AAB9AC

■ AACAAE

■ AADBB0

■ AAECB2

Harmonies

Analogous

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



7567C0



AA539F



C14874

Triad

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



AA539F



88720A



0088A0

Complementary

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



AA539F



53AA5E

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.



008874



AA539F



5B7E1F

Square

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



AA539F



AB6123



028546



0083C1

Rectangle

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



AA539F



C34B56



028546



008892

Sweetspot

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



AA539F



DEBDDA



5D53AA



705C6E



F0F0F0



707070

Same Dimension

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



AA539F



DE57CD



AA5374



544C53



940081



140012

Inverse Universe

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



AA539F



DE57CD



53AA89



544C53



940081



140012

Previews

White Background



This preview shows how the Hex color AA539F looks on a white background.

Color Contrast Check

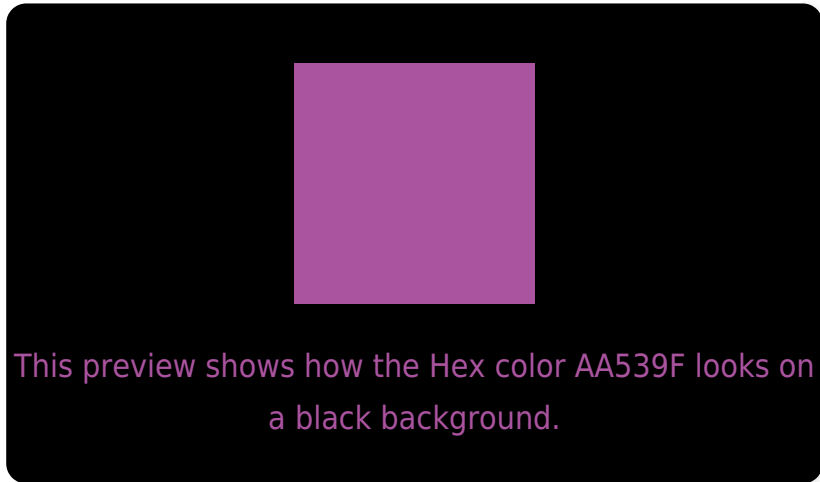
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

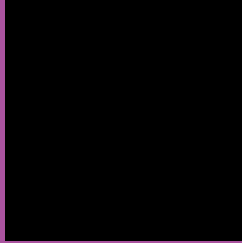
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex AA539F Background



This preview shows how black text looks on a background with the Hex color AA539F.

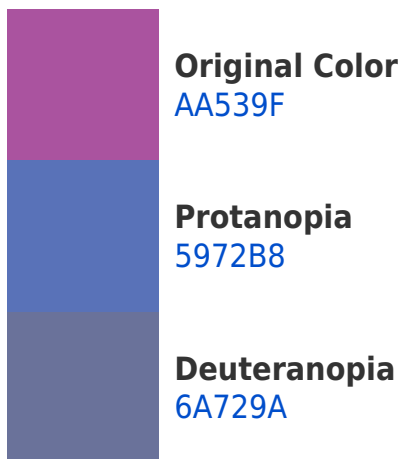


This preview shows how white text looks on a background with the Hex color AA539F.

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
A46067

Trichromacy



Original Color
AA539F



Protanomaly
7667AF



Deuteranomaly
81679C



Tritanomaly
A65B7B

Monochromacy



Original Color
AA539F



Achromatopsia
767676



Achromatomaly
896985

CSS Examples

Text

The CSS property to change the color of the text to Hex AA539F 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 #AA539F looks like.

```
.text, #text, p{  
    color:#AA539F  
}
```

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 #AA539F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA539F
}
```

Border

The CSS property to change the border of an element to Hex AA539F is called "border". The border property can be set on classes, ids or directly on the HTML element.

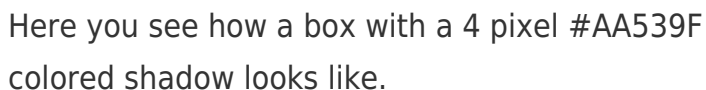
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA539F }
```

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

```
.border{ border-color:#AA539F }
```

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



Here you see how a box with a 4 pixel #AA539F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA539F; -webkit-box-shadow:4px 4px  
4px 4px #AA539F; box-shadow:4px 4px 4px  
4px #AA539F }
```

Background

The CSS property to change the background color of an element to Hex AA539F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA539F }
```

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

```
.background{ background-color:#AA539F }
```

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