

Converting Colors

Hex(AC349E)

Have a look what the booklet for
Hex(AC349E) contains.

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Color

Hex(AC349E)

Conversions

Conversions Part 1

Format	Color
Hex	AC349E
RGB	172, 52, 158
RGB Percent	67%, 20%, 62%
CMY	0.3255, 0.7961, 0.3804
CMYK	0.00, 0.70, 0.08, 0.33
HSL	307°, 54%, 44%
HSV	307°, 70%, 67%
XYZ	24.4128, 13.6953, 33.7045
YIQ	99.9640, 37.4940, 58.4060

Conversions

Conversions Part 2

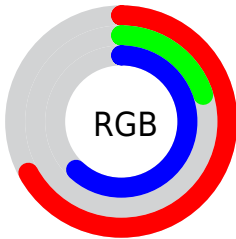
Format	Color
R_{YB}	172, 52, 158
Decimal	11285662
CIE _{Lab}	43.79, 60.10, -32.20
CIE _{LCh}	44, 68.187, 331.819
Yxy	13.6953, 0.3400, 0.1907
Android (android.graphics.Color)	4289475742 (0xFFAC349E)
YUV	99.9640, 28.6117, 63.1756
Hunter-Lab	37.0071, 52.9902, -28.0938

Details

The Hex color **AC349E** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **34AC42**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **E66DD5**, and **74006A** is the 20% darker color. If you saturate the color by 10%, you get **AC239C**, and if you desaturate by 10%, it is **AC45A0**.

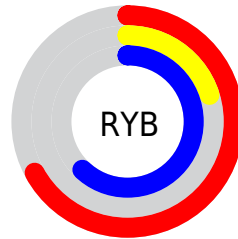
Distribution



Red (67%)

Green (20%)

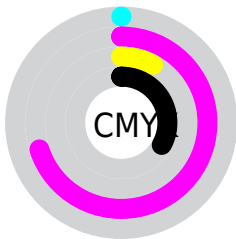
Blue (62%)



Red (67%)

Yellow (20%)

Blue (62%)

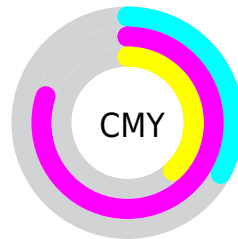


Cyan (0%)

Magenta (70%)

Yellow (8%)

Black (33%)



Cyan (33%)

Magenta (80%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC349E 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 AC349E by changing the saturation by 10% instead.

 AC349E

 AC349E

FFFFFF

 900F84

 E66DD5

 74006A

 FF89F2

 590052

 FFA5FF

 3F003A

 FFC1FF

 250024

 FFDEFF

 00000A

 FFFCFF

 000000

 AC349E

 AC349E

 AC239C

 AC45A0

■ AC129A

■ AC56A2

■ AC0098

■ AC68A4

■ AC79A6

■ AC8AA8

■ AC9BAA

■ ACACAC

■ ACBEAE

■ ACCFB0

Harmonies

Analogous

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



6556C9



AC349E



C71567

Triad

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



AC349E



7B6600



007FA2

Complementary

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



AC349E



34AC42

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.



007F6A



AC349E



407500

Square

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



AC349E



A74F00



007C2D



007BCC

Rectangle

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



AC349E



C72242



007C2D



008090

Sweetspot

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



AC349E



E0B1DB



4234AC



70546D



F0F0F0



707070

Same Dimension

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



AC349E



E024CA



AC3462



574E56



960085



170014

Inverse Universe

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



AC349E



E024CA



34AC7E



574E56



960085



170014

Previews

White Background



This preview shows how the Hex color AC349E looks on a white background.

Color Contrast Check

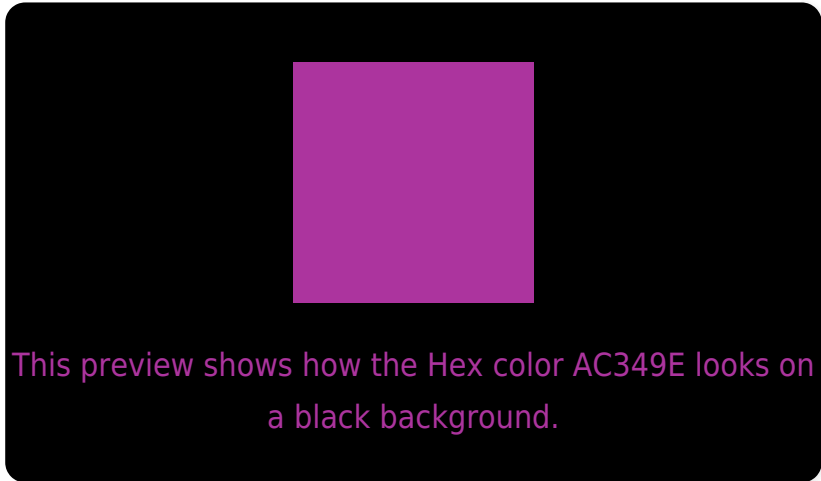
Large Text (above 18pt) WCAG AA ✓ Pass

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

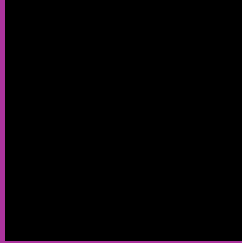
Any Text WCAG AA × Fail

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 AC349E Background



This preview shows how black text looks on a background with the Hex color AC349E.

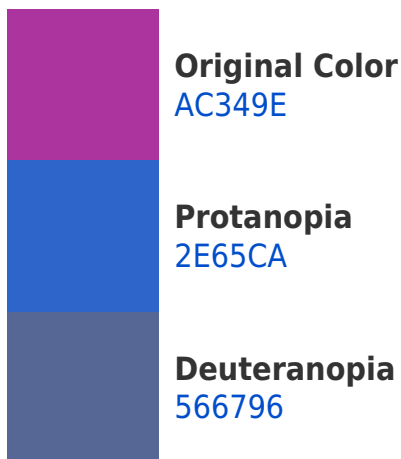



This preview shows how white text looks on a background with the Hex color AC349E.

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
A44C52

Trichromacy



Original Color
AC349E



Protanomaly
5C53BA



Deuteranomaly
755499

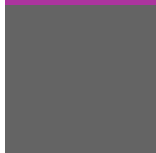


Tritanomaly
A7436E

Monochromacy



Original Color
AC349E



Achromatopsia
646464



Achromatomaly
7E5379

CSS Examples

Text

The CSS property to change the color of the text to Hex AC349E 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 #AC349E looks like.

```
.text, #text, p{  
    color:#AC349E  
}
```

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 #AC349E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC349E
}
```

Border

The CSS property to change the border of an element to Hex AC349E is called "border". The border property can be set on classes, ids or directly on the HTML element.

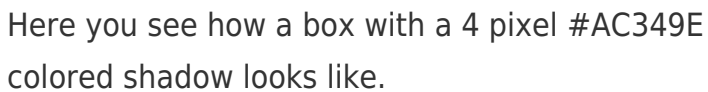
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC349E }
```

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

```
.border{ border-color:#AC349E }
```

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



Here you see how a box with a 4 pixel #AC349E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC349E; -webkit-box-shadow:4px 4px  
4px 4px #AC349E; box-shadow:4px 4px 4px  
4px #AC349E }
```

Background

The CSS property to change the background color of an element to Hex AC349E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC349E }
```

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

```
.background{ background-color:#AC349E }
```

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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