

Converting Colors

Hex(AC608E)

Have a look what the booklet for
Hex(AC608E) contains.

Hex(AC608E)	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(AC608E)

Conversions

Conversions Part 1

Format	Color
Hex	AC608E
RGB	172, 96, 142
RGB Percent	67%, 38%, 56%
CMY	0.3255, 0.6235, 0.4431
CMYK	0.00, 0.44, 0.17, 0.33
HSL	324°, 31%, 53%
HSV	324°, 44%, 67%
XYZ	26.0786, 19.0894, 27.9013
YIQ	123.9680, 30.5300, 30.4180

Conversions

Conversions Part 2

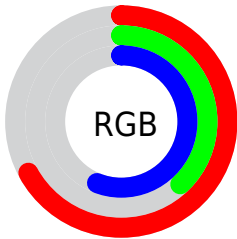
Format	Color
R_{YB}	172, 96, 142
Decimal	11296910
CIE _{Lab}	50.79, 37.01, -11.88
CIE _{LCh}	51, 38.866, 342.209
Yxy	19.0894, 0.3569, 0.2613
Android (android.graphics.Color)	4289486990 (0xFFAC608E)
YUV	123.9680, 8.8898, 42.1241
Hunter-Lab	43.6914, 30.0835, -7.2786

Details

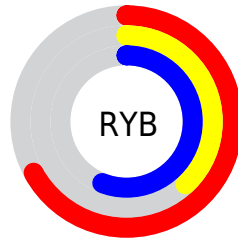
The Hex color **AC608E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **60AC7E**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **E594C4**, and **762E5C** is the 20% darker color. If you saturate the color by 10%, you get **AC4F87**, and if you desaturate by 10%, it is **AC7195**.

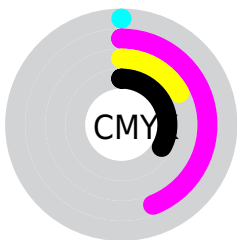
Distribution



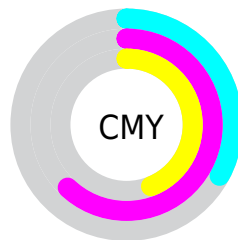
- Red (67%)
- Green (38%)
- Blue (56%)



- Red (67%)
- Yellow (38%)
- Blue (56%)



- Cyan (0%)
- Magenta (44%)
- Yellow (17%)
- Black (33%)



- Cyan (33%)
- Magenta (62%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC608E 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 AC608E by changing the saturation by 10% instead.

 AC608E

 AC608E

FFFFFF

 914774

 E594C4

 762E5C

 FF80E0

 5C1444

 FFCBFC

 42002E

 FFE8FF

 2D001A

 000000

 AC608E

 AC608E

 AC4F87

 AC7195

 AC3E80

 AC829C

 AC2C7A

 AC94A2

 AC1B73

 ACA5A9

 AC0A6C

 ACB6B0

 AC0068

 ACC7B7

 ACD8BE

 ACEAC4

 ACFBCB

Harmonies

Analogous

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



8D6BAA



AC608E



B75D6D

Triad

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



AC608E



807B36



0088A5

Complementary

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



AC608E



60AC7E

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.



008A86



AC608E



5B8446

Square

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



AC608E



9D7039



288864



0082B8

Rectangle

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



AC608E



B56157



288864



00899B

Sweetspot

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



AC608E



E0C3D5



7D60AC



705E69



F0F0F0



707070

Same Dimension

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



AC608E



E069B1



AC6069



574E53



96005B



17000E

Inverse Universe

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



AC608E



E069B1



60ACA3



574E53



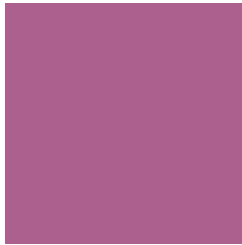
96005B



17000E

Previews

White Background



This preview shows how the Hex color AC608E looks on a white background.

Color Contrast Check

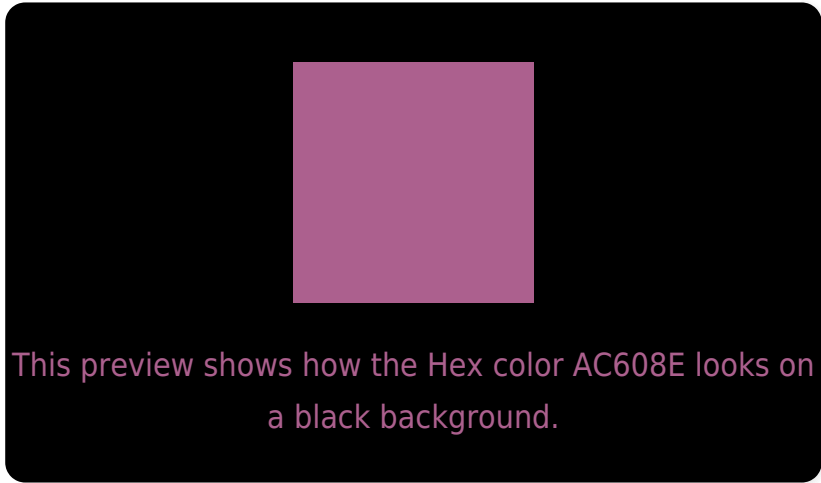
Large Text (above 18pt) WCAG AA ✓ Pass

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

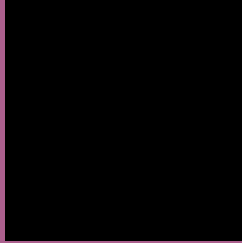
Any Text WCAG AA ✓ Pass

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 AC608E Background



This preview shows how black text looks on a background with the Hex color AC608E.



This preview shows how white text looks on a background with the Hex color AC608E.

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



Original Color
AC608E

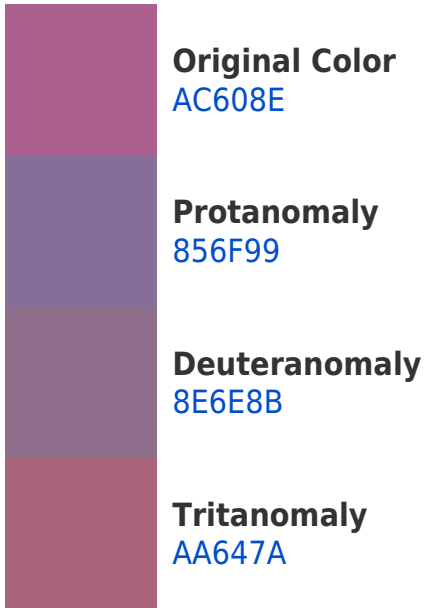
Protanopia
6F789F

Deuteranopia
7D768A



Tritanopia
A9666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC608E 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 #AC608E looks like.

```
.text, #text, p{  
    color:#AC608E  
}
```

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 #AC608E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC608E
}
```

Border

The CSS property to change the border of an element to Hex AC608E is called "border". The border property can be set on classes, ids or directly on the HTML element.

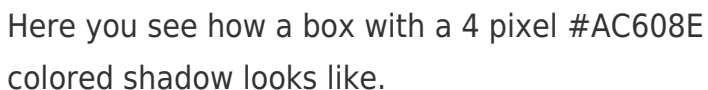
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC608E }
```

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

```
.border{ border-color:#AC608E }
```

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



Here you see how a box with a 4 pixel `#AC608E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC608E; -webkit-box-shadow:4px 4px  
4px 4px #AC608E; box-shadow:4px 4px 4px  
4px #AC608E }
```

Background

The CSS property to change the background color of an element to Hex AC608E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC608E }
```

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

```
.background{ background-color:#AC608E }
```

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