

Converting Colors

Hex(AA678B)

Have a look what the booklet for
Hex(AA678B) contains.

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Color

Hex(AA678B)

Conversions

Conversions Part 1

Format	Color
Hex	AA678B
RGB	170, 103, 139
RGB Percent	67%, 40%, 55%
CMY	0.3333, 0.5961, 0.4549
CMYK	0.00, 0.39, 0.18, 0.33
HSL	328°, 28%, 54%
HSV	328°, 39%, 67%
XYZ	26.0880, 20.1106, 26.9328
YIQ	127.1370, 28.3760, 25.4000

Conversions

Conversions Part 2

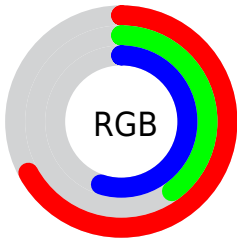
Format	Color
R_{YB}	170, 103, 139
Decimal	11167627
CIE _{Lab}	51.96, 32.00, -8.37
CIE _{LCh}	52, 33.077, 345.342
Yxy	20.1106, 0.3567, 0.2750
Android (android.graphics.Color)	4289357707 (0xFFAA678B)
YUV	127.1370, 5.8485, 37.5909
Hunter-Lab	44.8449, 25.3619, -4.2169

Details

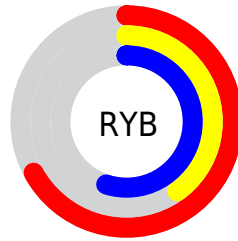
The Hex color **AA678B** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **67AA86**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **E29BC0**, and **743659** is the 20% darker color. If you saturate the color by 10%, you get **AA5683**, and if you desaturate by 10%, it is **AA7893**.

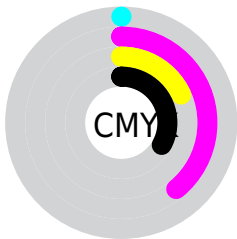
Distribution



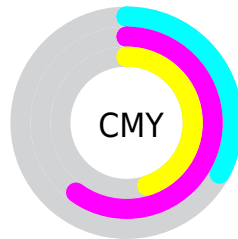
- Red (67%)
- Green (40%)
- Blue (55%)



- Red (67%)
- Yellow (40%)
- Blue (55%)



- Cyan (0%)
- Magenta (39%)
- Yellow (18%)
- Black (33%)



- Cyan (33%)
- Magenta (60%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA678B 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 AA678B by changing the saturation by 10% instead.

■ AA678B

■ AA678B

FFFFFF

■ 8F4E72

■ E29BC0

■ 743659

■ FFB7DC

■ 5A1E42

■ FFD2F9

■ 41042C

■ FFEFFF

■ 2C0017

■ 000000

■ AA678B

■ AA678B

■ AA5683

■ AA7893

■ AA457B

■ AA899B

■ AA3473

■ AA9AA3

■ AA236C

■ AAABAA

■ AA1264

■ AABCB2

■ AA015C

■ AACDBA

■ AA005B

■ AADEC2

■ AAEFCA

■ AAFFD2

Harmonies

Analogous

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



916FA4



AA678B



B3666E

Triad

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



AA678B



807F44



0089A3

Complementary

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



AA678B



67AA86

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.



008B8A



AA678B



608653

Square

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



AA678B



9A7545



398A6D



3383B2

Rectangle

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



AA678B



B0695D



398A6D



008A9C

Sweetspot

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



AA678B



DEC3D2



8567AA



706069



F0F0F0



707070

Same Dimension

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



AA678B



DE76AE



AA676A



544C50



94004F



14000B

Inverse Universe

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



AA678B



DE76AE



67AAA7



544C50



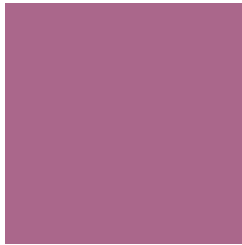
94004F



14000B

Previews

White Background



This preview shows how the Hex color AA678B looks on a white background.

Color Contrast Check

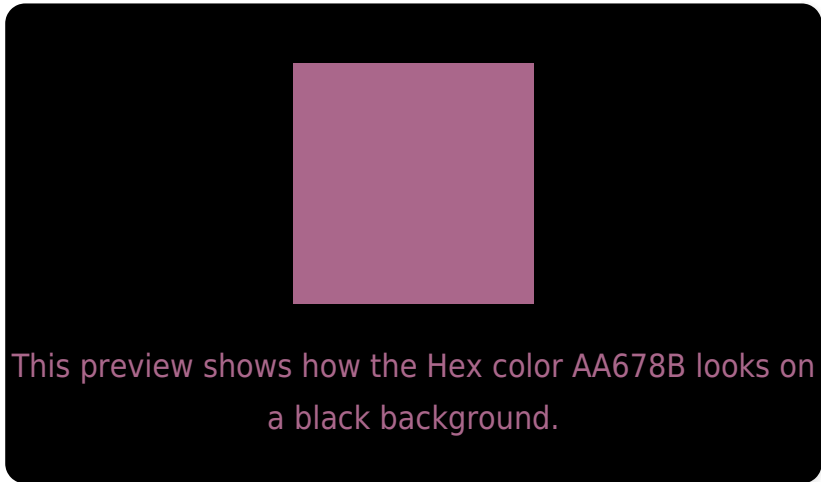
Large Text (above 18pt) WCAG AA ✓ Pass

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

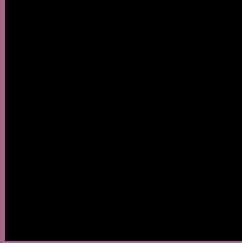
Any Text WCAG AA ✓ Pass

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 AA678B Background



This preview shows how black text looks on a background with the Hex color AA678B.




This preview shows how white text looks on a background with the Hex color AA678B.

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
A76B73

Trichromacy



Original Color
AA678B

Protanomaly
897493

Deuteranomaly
917289

Tritanomaly
A86A7C

Monochromacy



Original Color
AA678B

Achromatopsia
7F7F7F

Achromatomaly
8F7683

CSS Examples

Text

The CSS property to change the color of the text to Hex AA678B 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 #AA678B looks like.

```
.text, #text, p{  
    color:#AA678B  
}
```

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 #AA678B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA678B
}
```

Border

The CSS property to change the border of an element to Hex AA678B is called "border". The border property can be set on classes, ids or directly on the HTML element.

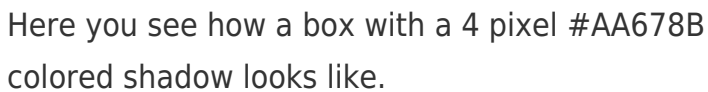
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA678B }
```

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

```
.border{ border-color:#AA678B }
```

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



Here you see how a box with a 4 pixel #AA678B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA678B; -webkit-box-shadow:4px 4px  
4px 4px #AA678B; box-shadow:4px 4px 4px  
4px #AA678B }
```

Background

The CSS property to change the background color of an element to Hex AA678B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA678B }
```

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

```
.background{ background-color:#AA678B }
```

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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