

Converting Colors

Hex(AA9CC3)

Have a look what the booklet for
Hex(AA9CC3) contains.

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Color

Hex(AA9CC3)

Conversions

Conversions Part 1

Format	Color
Hex	AA9CC3
RGB	170, 156, 195
RGB Percent	67%, 61%, 76%
CMY	0.3333, 0.3882, 0.2353
CMYK	0.13, 0.20, 0.00, 0.24
HSL	262°, 25%, 69%
HSV	262°, 20%, 76%
XYZ	38.3164, 36.2631, 56.6097
YIQ	164.6320, -4.1750, 15.0970

Conversions

Conversions Part 2

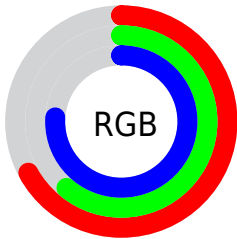
Format	Color
RYB	170, 156, 195
Decimal	11181251
CIELab	66.72, 12.81, -18.20
CIELCh	67, 22.254, 305.137
Yxy	36.2631, 0.2921, 0.2764
Android (android.graphics.Color)	4289371331 (0xFFAA9CC3)
YUV	164.6320, 14.9714, 4.7077
Hunter-Lab	60.2189, 8.1939, -13.5834

Details

The Hex color **AA9CC3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B5C39C**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **E2D3FC**, and **76698D** is the 20% darker color. If you saturate the color by 10%, you get **9D89C3**, and if you desaturate by 10%, it is **B7B0C3**.

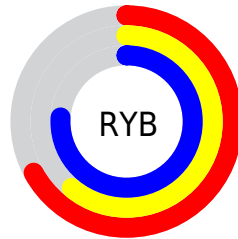
Distribution



Red (67%)

Green (61%)

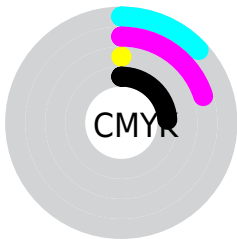
Blue (76%)



Red (67%)

Yellow (61%)

Blue (76%)

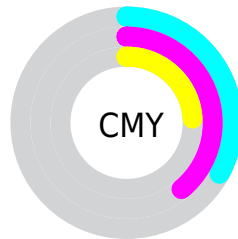


Cyan (13%)

Magenta (20%)

Yellow (0%)

Black (24%)



Cyan (33%)

Magenta (39%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA9CC3 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 AA9CC3 by changing the saturation by 10% instead.

■ AA9CC3

■ AA9CC3

FFFFFF

■ 8F82A8

■ E2D3FC

■ 76698D

■ FEEFFF

■ 5D5174

■ 453A5B

■ 2E2443

■ 18102D

■ 000118


■ 000000

■ AA9CC3

■ AA9CC3

 9D89C3

 B7B0C3

 9175C3

 C3C3C3

 8462C3

 D0D7C3

 784EC3

 DCEAC3

 6B3BC3

 E9FEC3

 5F27C3

 F5FFC3

 5214C3

 FFFFC3

 4600C3

Harmonies

Analogous

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



8FA3CA



AA9CC3



BF96B4

Triad

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



AA9CC3



C09B7F



6FAEA5

Complementary

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



AA9CC3



B5C39C

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.



81AC91



AA9CC3



AEA27B

Square

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



AA9CC3



CA968C



98A881



69ADB9

Rectangle

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



AA9CC3



C894A6



98A881



74AD9E

Sweetspot

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



AA9CC3



F3EDFC



9CB5C3



7A7780



000000



808080

Same Dimension

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



AA9CC3



D6C0FC



BD9CC3



5B5761



3A00A1



0C0021

Inverse Universe

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



C39CB5



FCC0E7



A2C39C



61575D



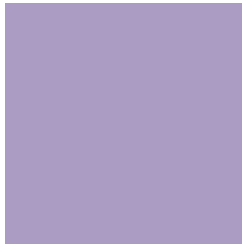
A10067



210015

Previews

White Background



This preview shows how the Hex color AA9CC3 looks on a white background.

Color Contrast Check

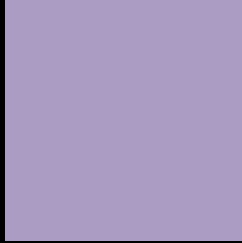
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color AA9CC3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

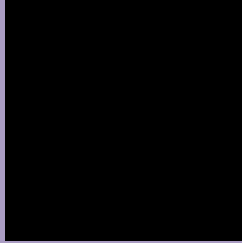
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex AA9CC3 Background



This preview shows how black text looks on a background with the Hex color AA9CC3.

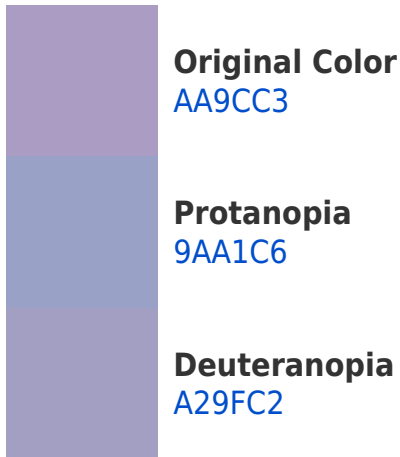


This preview shows how white text looks on a background with the Hex color AA9CC3.

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
A6A0AD

Trichromacy



Original Color
AA9CC3

Protanomaly
A09FC5

Deuteranomaly
A59EC2

Tritanomaly
A79FB5

Monochromacy



Original Color
AA9CC3

Achromatopsia
A5A5A5

Achromatomaly
A7A2B0

CSS Examples

Text

The CSS property to change the color of the text to Hex AA9CC3 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 #AA9CC3 looks like.

```
.text, #text, p{  
    color:#AA9CC3  
}
```

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 #AA9CC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA9CC3
}
```

Border

The CSS property to change the border of an element to Hex AA9CC3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

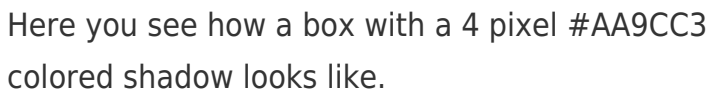
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA9CC3 }
```

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

```
.border{ border-color:#AA9CC3 }
```

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



Here you see how a box with a 4 pixel `#AA9CC3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA9CC3; -webkit-box-shadow:4px 4px  
4px 4px #AA9CC3; box-shadow:4px 4px 4px  
4px #AA9CC3 }
```

Background

The CSS property to change the background color of an element to Hex AA9CC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA9CC3 }
```

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

```
.background{ background-color:#AA9CC3 }
```

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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