

# Converting Colors

Hex(AA9CC0)

Have a look what the booklet for  
Hex(AA9CC0) contains.

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# **Color**

**Hex(AA9CC0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA9CC0
RGB	170, 156, 192
RGB Percent	67%, 61%, 75%
CMY	0.3333, 0.3882, 0.2471
CMYK	0.11, 0.19, 0.00, 0.25
HSL	263°, 22%, 68%
HSV	263°, 19%, 75%
XYZ	37.9805, 36.1288, 54.8409
YIQ	164.2900, -3.2120, 14.1640

# Conversions

## Conversions Part 2

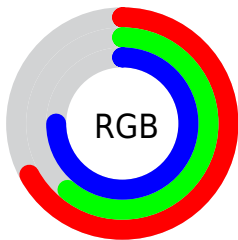
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">170, 156, 192</a>
Decimal	<a href="#">11181248</a>
CIELab	<a href="#">66.62, 12.17, -16.68</a>
CIElCh	<a href="#">67, 20.647, 306.103</a>
Yxy	<a href="#">36.1288, 0.2945, 0.2802</a>
Android (android.graphics.Color)	<a href="#">4289371328 (0xFFAA9CC0)</a>
YUV	<a href="#">164.2900, 13.6610, 5.0077</a>
Hunter-Lab	<a href="#">60.1072, 7.6028, -12.0203</a>

# Details

The Hex color **AA9CC0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B2C09C**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **E1D3F8**, and **76698A** is the 20% darker color. If you saturate the color by 10%, you get **9E89C0**, and if you desaturate by 10%, it is **B6AFC0**.

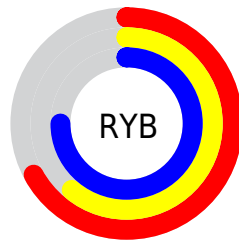
# Distribution



Red (67%)

Green (61%)

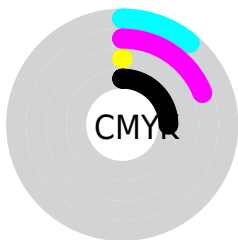
Blue (75%)



Red (67%)

Yellow (61%)

Blue (75%)

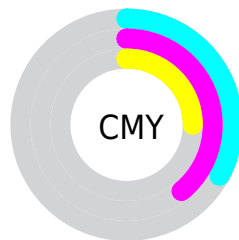


Cyan (11%)

Magenta (19%)

Yellow (0%)

Black (25%)



Cyan (33%)

Magenta (39%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA9CC0 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 AA9CC0 by changing the saturation by 10% instead.



■ AA9CC0

■ AA9CC0

FFFFFF

■ 8F82A5

■ E1D3F8

■ 76698A

■ FEEFFF

■ 5D5171

■ 453A58

■ 2E2441

■ 19102B

■ 000116

■ 000000

■ AA9CC0

■ AA9CC0

 9E89C0

 B6AFC0

 9376C0

 C1C2C0

 8762C0

 CDD6C0

 7B4FC0

 D9E9C0

 6F3CC0

 E5FCC0

 6429C0

 F0FFC0

 5816C0

 FCFFC0

 4C02C0

 FFFFC0

 4B00C0

# Harmonies

## Analogous

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



91A2C7



AA9CC0



BD97B1

# Triad

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



AA9CC0



BD9C81



73ADA5

# Complementary

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



AA9CC0



B2C09C

# 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.



83AB92



AA9CC0



ACA27D

# Square

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



AA9CC0



C7978D



98A884



6EACB7

# Rectangle

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



AA9CC0



C595A5



98A884



77AD9F



# Sweetspot

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



AA9CC0



F1EBFA



9CB2C0



78747D



FCFCFC



7D7D7D



# Same Dimension

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



AA9CC0



D7C0FA



BC9CC0



5B5761



3E00A1



0D0021



# Inverse Universe

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



C09CB2



FAC0E4



A0C09C



61575D



A10062

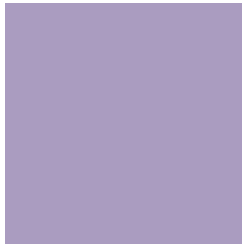


210014



# Previews

## White Background



This preview shows how the Hex color AA9CC0 looks on a white background.

## Color Contrast Check

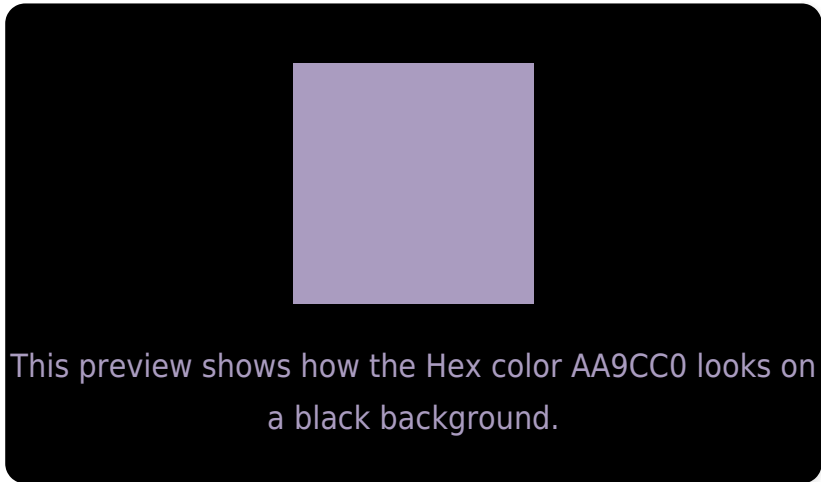
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

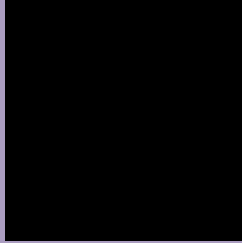
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AA9CC0 Background



This preview shows how black text looks on a background with the Hex color AA9CC0.

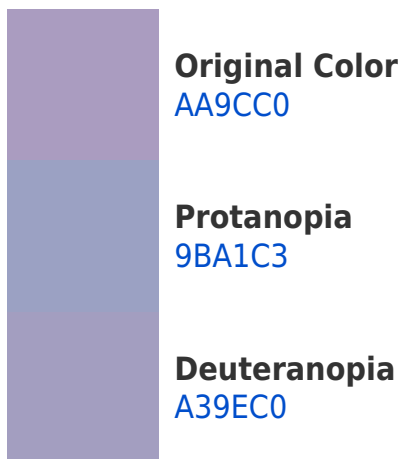


This preview shows how white text looks on a background with the Hex color AA9CC0.

# 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**  
A79FAC

# Trichromacy



**Original Color**  
AA9CC0

**Protanomaly**  
A09FC2

**Deuteranomaly**  
A69DC0

**Tritanomaly**  
A89EB3

# Monochromacy



**Original Color**  
AA9CC0

**Achromatopsia**  
A4A4A4

**Achromatomaly**  
A6A1AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA9CC0 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 #AA9CC0 looks like.

```
.text, #text, p{  
    color:#AA9CC0  
}
```

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 #AA9CC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA9CC0
}
```

## Border

The CSS property to change the border of an element to Hex AA9CC0 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
#AA9CC0 }
```

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

```
.border{ border-color:#AA9CC0 }
```

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

Here you see how a box with a 4 pixel #AA9CC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA9CC0; -webkit-box-shadow:4px 4px  
4px 4px #AA9CC0; box-shadow:4px 4px 4px  
4px #AA9CC0 }
```

# Background

The CSS property to change the background color of an element to Hex AA9CC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA9CC0 }
```

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

```
.background{ background-color:#AA9CC0 }
```

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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