

Converting Colors

Hex(AA9CB0)

Have a look what the booklet for
Hex(AA9CB0) contains.

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Color

Hex(AA9CB0)

Conversions

Conversions Part 1

Format	Color
Hex	AA9CB0
RGB	170, 156, 176
RGB Percent	67%, 61%, 69%
CMY	0.3333, 0.3882, 0.3098
CMYK	0.03, 0.11, 0.00, 0.31
HSL	282°, 11%, 65%
HSV	282°, 11%, 69%
XYZ	36.3025, 35.4576, 46.0049
YIQ	162.4660, 1.9240, 9.1880

Conversions

Conversions Part 2

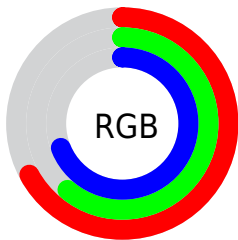
Format	Color
RYB	170, 156, 176
Decimal	11181232
CIELab	66.10, 8.88, -8.52
CIELCh	66, 12.305, 316.190
Yxy	35.4576, 0.3083, 0.3011
Android (android.graphics.Color)	4289371312 (0xFFAA9CB0)
YUV	162.4660, 6.6723, 6.6073
Hunter-Lab	59.5463, 4.6169, -4.1246

Details

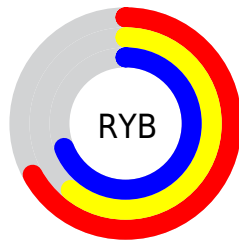
The Hex color **AA9CB0** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A2B09C**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **E1D2E8**, and **76697C** is the 20% darker color. If you saturate the color by 10%, you get **A58AB0**, and if you desaturate by 10%, it is **AFAEB0**.

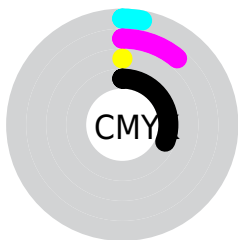
Distribution



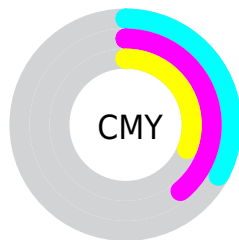
- Red (67%)
- Green (61%)
- Blue (69%)



- Red (67%)
- Yellow (61%)
- Blue (69%)



- Cyan (3%)
- Magenta (11%)
- Yellow (0%)
- Black (31%)



- Cyan (33%)
- Magenta (39%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA9CB0 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 AA9CB0 by changing the saturation by 10% instead.

■ AA9CB0

■ AA9CB0

FFFFFF

■ 8F8295

■ E1D2E8

■ 76697C

■ FEEFFF

■ 5D5163

■ 453A4B

■ 2F2434

■ 1A0F1F

■ 000004

■ 000000

■ AA9CB0

■ AA9CB0

 A58AB0

 AFAEB0

 9F79B0

 B5BFB0

 9A67B0

 BAD1B0

 9556B0

 BFE2B0

 9044B0

 C4F4B0

 8A32B0

 CAFFB0

 8521B0

 CFFFB0

 800FB0

 D4FFB0

 7B00B0

 DAFFB0

Harmonies

Analogous

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



9CA0B6



AA9CB0



B49AA6

Triad

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



AA9CB0



AF9E8B



85A7A6

Complementary

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



AA9CB0



A2B09C

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.



8BA79B



AA9CB0



A3A28B

Square

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



AA9CB0



B69B91



96A591



86A6B0

Rectangle

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



AA9CB0



B8999F



96A591



86A7A3

Sweetspot

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



AA9CB0



E3DFE6



9CA2B0



716E73



F2F2F2



737373

Same Dimension

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



AA9CB0



DCC5E6



B09CAC



575059



6B0099



12001A

Inverse Universe

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



B09CA2



E6C5CF



9CB0A0



595053



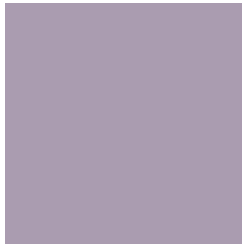
99002E



1A0008

Previews

White Background



This preview shows how the Hex color AA9CB0 looks on a white background.

Color Contrast Check

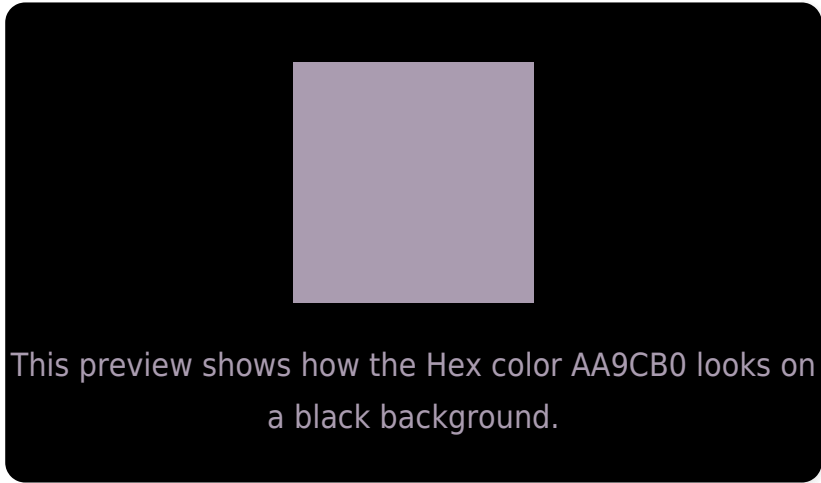
Large Text (above 18pt) WCAG AA × Fail

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

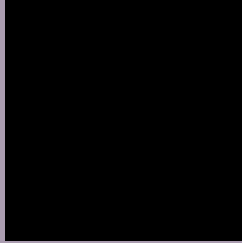
Any Text WCAG AA ✓ Pass

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 AA9CB0 Background



This preview shows how black text looks on a background with the Hex color AA9CB0.



This preview shows how white text looks on a background with the Hex color AA9CB0.

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
AA9CB0

Protanopia
9EA0B2

Deuteranopia
A99CB0



Tritanopia
A99DA9

Trichromacy



Original Color
AA9CB0

Protanomaly
A29FB1

Deuteranomaly
A99CB0

Tritanomaly
A99DAC

Monochromacy



Original Color
AA9CB0

Achromatopsia
A2A2A2

Achromatomaly
A5A0A7

CSS Examples

Text

The CSS property to change the color of the text to Hex AA9CB0 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 #AA9CB0 looks like.

```
.text, #text, p{  
    color:#AA9CB0  
}
```

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 #AA9CB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA9CB0
}
```

Border

The CSS property to change the border of an element to Hex AA9CB0 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
#AA9CB0 }
```

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

```
.border{ border-color:#AA9CB0 }
```

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

Here you see how a box with a 4 pixel #AA9CB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA9CB0; -webkit-box-shadow:4px 4px  
4px 4px #AA9CB0; box-shadow:4px 4px 4px  
4px #AA9CB0 }
```

Background

The CSS property to change the background color of an element to Hex AA9CB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA9CB0 }
```

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

```
.background{ background-color:#AA9CB0 }
```

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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