

Converting Colors

Hex(AA99CB)

Have a look what the booklet for
Hex(AA99CB) contains.

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Color

Hex(AA99CB)

Conversions

Conversions Part 1

Format	Color
Hex	AA99CB
RGB	170, 153, 203
RGB Percent	67%, 60%, 80%
CMY	0.3333, 0.4000, 0.2039
CMYK	0.16, 0.25, 0.00, 0.20
HSL	260°, 32%, 70%
HSV	260°, 25%, 80%
XYZ	38.7483, 35.6403, 61.3369
YIQ	163.7830, -5.9180, 19.1540

Conversions

Conversions Part 2

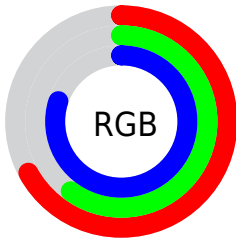
Format	Color
RYB	170, 153, 203
Decimal	11180491
CIELab	66.24, 16.24, -23.38
CIELCh	66, 28.467, 304.794
Yxy	35.6403, 0.2855, 0.2626
Android (android.graphics.Color)	4289370571 (0xFFAA99CB)
YUV	163.7830, 19.3340, 5.4523
Hunter-Lab	59.6995, 11.3823, -19.1265

Details

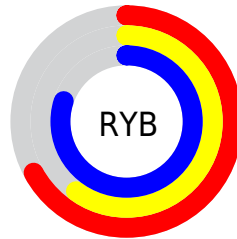
The Hex color **AA99CB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BACB99**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **E2CFFF**, and **756695** is the 20% darker color. If you saturate the color by 10%, you get **9D85CB**, and if you desaturate by 10%, it is **B7ADCB**.

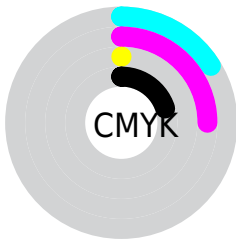
Distribution



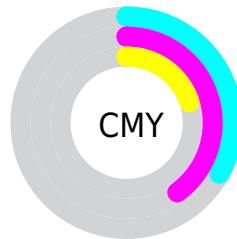
- Red (67%)
- Green (60%)
- Blue (80%)



- Red (67%)
- Yellow (60%)
- Blue (80%)



- Cyan (16%)
- Magenta (25%)
- Yellow (0%)
- Black (20%)



- Cyan (33%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA99CB 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 AA99CB by changing the saturation by 10% instead.

■ AA99CB

■ AA99CB

FFFFFF

■ 8F7FAF

■ E2CFFF

■ 756695

■ FFECFF

■ 5C4E7B

■ 443762

■ 2D214A

■ 160D33

■ 00021E

■ 000000

■ AA99CB

■ AA99CB

 9D85CB

 B7ADCB

 8F70CB

 C5C2CB

 825CCB

 D2D6CB

 7448CB

 E0EACB

 6733CB

 EDFFCB

 5A1FCB

 FAFFCB

 4C0BCB

 FFFFCB

 4500CB

Harmonies

Analogous

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



86A2D4



AA99CB



C591B7

Triad

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



AA99CB



C59873



5BAFA4

Complementary

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



AA99CB



BACB99

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.



76AD8A



AA99CB



AFA16E

Square

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



AA99CB



D29185



93A876



4FAEBD

Rectangle

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



AA99CB



D08EA7



93A876



63AF9C

Sweetspot

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



AA99CB



F3EDFF



99BACB



797580



000000



808080

Same Dimension

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



AA99CB



CDB3FF



C399CB



5F5C66



3800A6



0D0026

Inverse Universe

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



CB99BA



FFB3E5



A1CB99



665C63



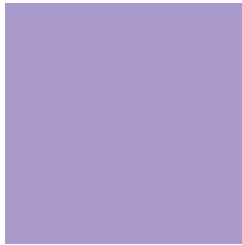
A6006D



260019

Previews

White Background



This preview shows how the Hex color AA99CB looks on a white background.

Color Contrast Check

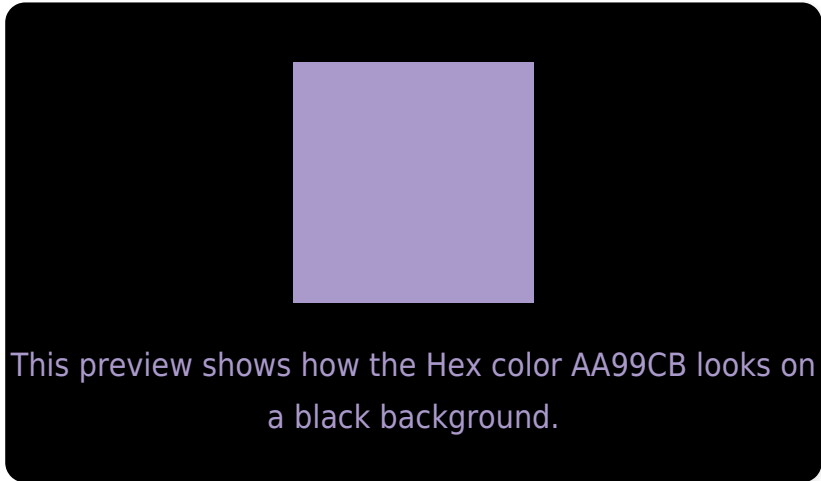
Large Text (above 18pt) WCAG AA × Fail

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

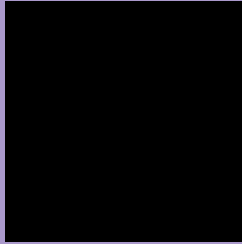
Any Text WCAG AA ✓ Pass

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 AA99CB Background



This preview shows how black text looks on a background with the Hex color AA99CB.

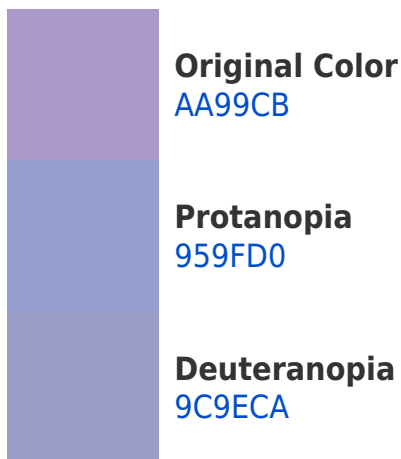


This preview shows how white text looks on a background with the Hex color AA99CB.

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



Trichromacy



Original Color
AA99CB

Protanomaly
9D9DCE

Deuteranomaly
A19CCA

Tritanomaly
A79DB7

Monochromacy



Original Color
AA99CB

Achromatopsia
A4A4A4

Achromatomaly
A6A0B2

CSS Examples

Text

The CSS property to change the color of the text to Hex AA99CB 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 #AA99CB looks like.

```
.text, #text, p{  
    color:#AA99CB  
}
```

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 #AA99CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA99CB
}
```

Border

The CSS property to change the border of an element to Hex AA99CB is called "border". The border property can be set on classes, ids or directly on the HTML element.

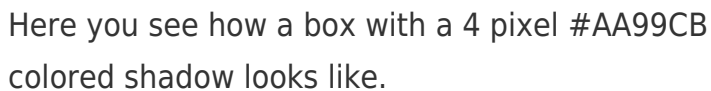
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA99CB }
```

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

```
.border{ border-color:#AA99CB }
```

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



Here you see how a box with a 4 pixel `#AA99CB` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA99CB; -webkit-box-shadow:4px 4px  
4px 4px #AA99CB; box-shadow:4px 4px 4px  
4px #AA99CB }
```

Background

The CSS property to change the background color of an element to Hex AA99CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA99CB }
```

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

```
.background{ background-color:#AA99CB }
```

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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