

# Converting Colors

Hex(AA9BC5)

Have a look what the booklet for  
Hex(AA9BC5) contains.

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# Color

Hex(AA9BC5)

# Conversions

## Conversions Part 1

Format	Color
Hex	AA9BC5
RGB	170, 155, 197
RGB Percent	67%, 61%, 77%
CMY	0.3333, 0.3922, 0.2275
CMYK	0.14, 0.21, 0.00, 0.23
HSL	261°, 27%, 69%
HSV	261°, 21%, 77%
XYZ	38.3770, 36.0200, 57.7532
YIQ	164.2730, -4.5420, 16.2420

# Conversions

## Conversions Part 2

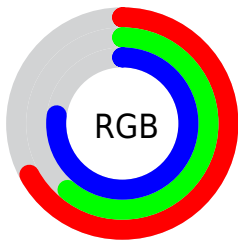
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 155, 197
Decimal	11180997
CIELab	66.54, 13.80, -19.59
CIELCh	67, 23.966, 305.160
Yxy	36.0200, 0.2904, 0.2726
Android (android.graphics.Color)	4289371077 (0xFFAA9BC5)
YUV	164.2730, 16.1344, 5.0226
Hunter-Lab	60.0166, 9.1107, -15.0423

# Details

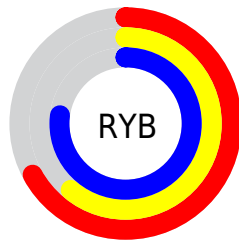
The Hex color **AA9BC5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B6C59B**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **E2D1FE**, and **75688F** is the 20% darker color. If you saturate the color by 10%, you get **9D87C5**, and if you desaturate by 10%, it is **B7AFC5**.

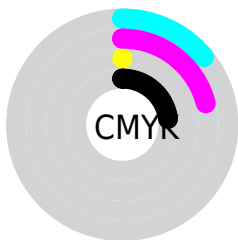
# Distribution



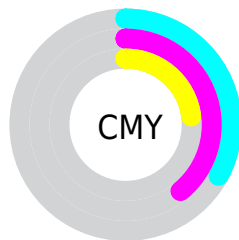
- Red (67%)
- Green (61%)
- Blue (77%)



- Red (67%)
- Yellow (61%)
- Blue (77%)



- Cyan (14%)
- Magenta (21%)
- Yellow (0%)
- Black (23%)



- Cyan (33%)
- Magenta (39%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA9BC5 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 AA9BC5 by changing the saturation by 10% instead.



■ AA9BC5

■ AA9BC5

FFFFFF

■ 8F81AA

■ E2D1FE

■ 75688F

■ FEEEFF

■ 5C5075

■ 44395D

■ 2D2345

■ 180F2E

■ 00011A


■ 000000

■ AA9BC5

■ AA9BC5

 9D87C5

 B7AFC5

 9174C5

 C3C2C5

 8460C5

 D0D6C5

 774CC5

 DDEAC5

 6B38C5

 E9FEC5

 5E25C5

 F6FFC5

 5111C5

 FFFFC5

 4600C5

# Harmonies

## Analogous

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



8DA3CC



AA9BC5



C195B4

# Triad

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



AA9BC5



C19A7B



69AEA5

# Complementary

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



AA9BC5



B6C59B

# 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.



7EAC8F



AA9BC5



AEA277

# Square

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



AA9BC5



CC948A



96A87E



63ADBA

# Rectangle

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



AA9BC5



CA92A6



96A87E



6FAE9D



# Sweetspot

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



AA9BC5



F5F0FF



9BB6C5



7A7780



000000



808080



# Same Dimension

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



AA9BC5



D4BDF5



BF9BC5



5D5A63



3A00A3



0D0024



# Inverse Universe

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



C59BB6



FFBDE7



A1C59B



635A60



A30069



240017



# Previews

## White Background



This preview shows how the Hex color AA9BC5 looks on a white background.

## Color Contrast Check

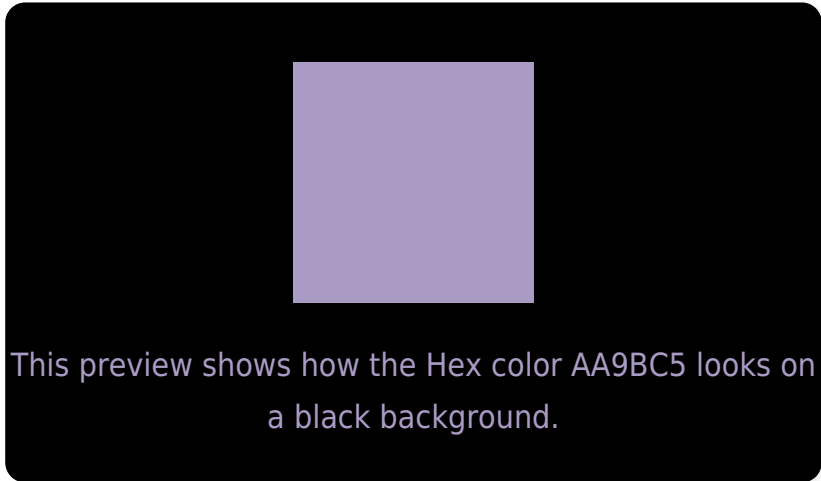
Large Text (above 18pt) WCAG AA × Fail

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

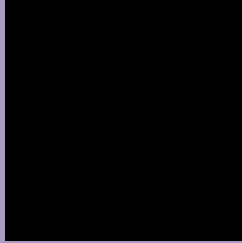
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AA9BC5 Background



This preview shows how black text looks on a background with the Hex color AA9BC5.

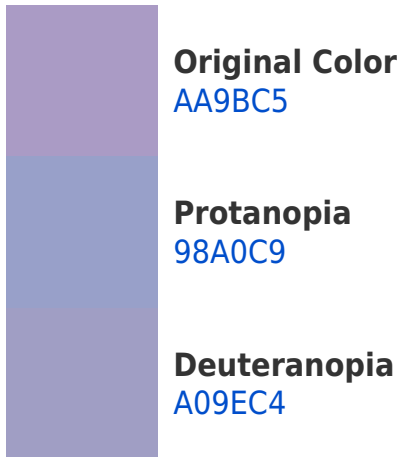


This preview shows how white text looks on a background with the Hex color AA9BC5.

# 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**  
AA9BC5

**Protanomaly**  
9F9EC8

**Deuteranomaly**  
A49DC4

**Tritanomaly**  
A79EB5

# Monochromacy



**Original Color**  
AA9BC5

**Achromatopsia**  
A4A4A4

**Achromatomaly**  
A6A1B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA9BC5 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 #AA9BC5 looks like.

```
.text, #text, p{  
    color:#AA9BC5  
}
```

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 #AA9BC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA9BC5  
}
```

## Border

The CSS property to change the border of an element to Hex AA9BC5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

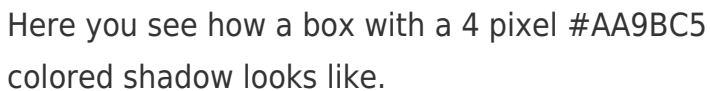
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AA9BC5 }
```

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

```
.border{ border-color:#AA9BC5 }
```

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



Here you see how a box with a 4 pixel `#AA9BC5` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA9BC5; -webkit-box-shadow:4px 4px  
4px 4px #AA9BC5; box-shadow:4px 4px 4px  
4px #AA9BC5 }
```

# Background

The CSS property to change the background color of an element to Hex AA9BC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA9BC5 }
```

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

```
.background{ background-color:#AA9BC5 }
```

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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