

# Converting Colors

Hex(A899DD)

Have a look what the booklet for  
Hex(A899DD) contains.

<b>Hex(A899DD)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(A899DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A899DD
RGB	168, 153, 221
RGB Percent	66%, 60%, 87%
CMY	0.3412, 0.4000, 0.1333
CMYK	0.24, 0.31, 0.00, 0.13
HSL	253°, 50%, 73%
HSV	253°, 31%, 87%
XYZ	40.5908, 36.3278, 73.2792
YIQ	165.2370, -12.8880, 24.3280

# Conversions

## Conversions Part 2

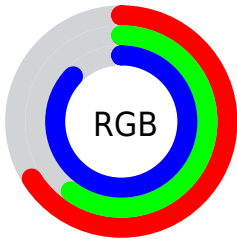
Format	Color
<a href="#">RYB</a>	<a href="#">168, 153, 221</a>
Decimal	<a href="#">11049437</a>
CIELab	<a href="#">66.77, 19.76, -32.56</a>
CIElCh	<a href="#">67, 38.091, 301.257</a>
Yxy	<a href="#">36.3278, 0.2702, 0.2419</a>
Android (android.graphics.Color)	<a href="#">4289239517 (0xFFA899DD)</a>
YUV	<a href="#">165.2370, 27.4912, 2.4232</a>
Hunter-Lab	<a href="#">60.2725, 14.7348, -29.8939</a>

# Details

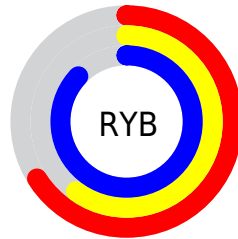
The Hex color **A899DD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CEDD99**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **E0CFFF**, and **7366A6** is the 20% darker color. If you saturate the color by 10%, you get **9783DD**, and if you desaturate by 10%, it is **B9AFDD**.

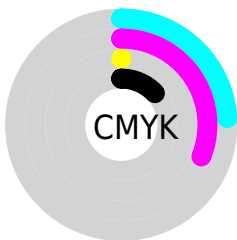
# Distribution



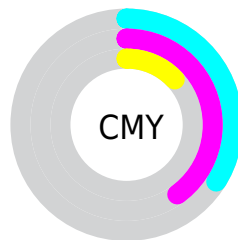
- Red (66%)
- Green (60%)
- Blue (87%)



- Red (66%)
- Yellow (60%)
- Blue (87%)



- Cyan (24%)
- Magenta (31%)
- Yellow (0%)
- Black (13%)



- Cyan (34%)
- Magenta (40%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A899DD 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 A899DD by changing the saturation by 10% instead.



 A899DD

 A899DD

FFFFFF

 8D7FC1

 E0CFFF

 7366A6

 FDECFF

 594E8B

 403771

 272159

 0C0D41

 00002A

 000114

 000000

 A899DD

 A899DD

 9783DD

 B9AFDD

 866DDD

 CAC5DD

 7457DD

 DCDBDD

 6341DD

 EDF1DD

 522BDD

 FEFFDD

 4114DD

 FFFFDD

 3100DD

# Harmonies

## Analogous

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



72A5E7



A899DD



CF8DC4

# Triad

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



A899DD



D39567



37B5A3

# Complementary

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



A899DD



CEDD99

# 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.



6AB280



A899DD



B7A15D

# Square

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



A899DD



E38B81



94AB67



00B4C5

# Rectangle

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



A899DD



DE88AE



94AB67



4AB497



# Sweetspot

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



A899DD



EDE8FF



99CEDD



757180



000000



808080



# Same Dimension

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



A899DD



B5A1FF



CA99DD



65636E



2600AD



0A002E



# Inverse Universe

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



DD99CE



FFA1EA



ACDD99



6E636B



AD0087



2E0024



# Previews

## White Background



This preview shows how the Hex color A899DD looks on a white background.

## Color Contrast Check

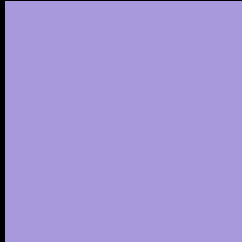
Large Text (above 18pt) WCAG AA × Fail

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 A899DD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

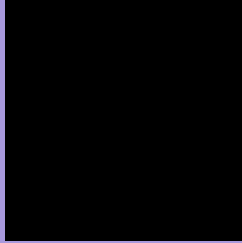
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A899DD Background



This preview shows how black text looks on a background with the Hex color A899DD.

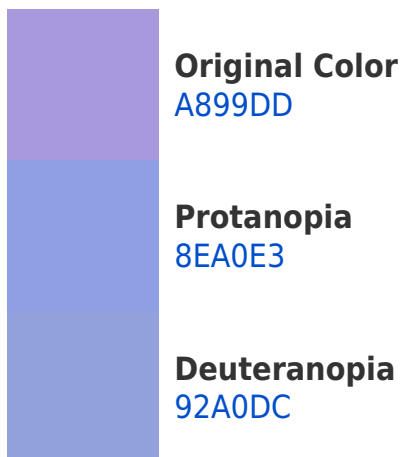


This preview shows how white text looks on a background with the Hex color A899DD.

# 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](#).

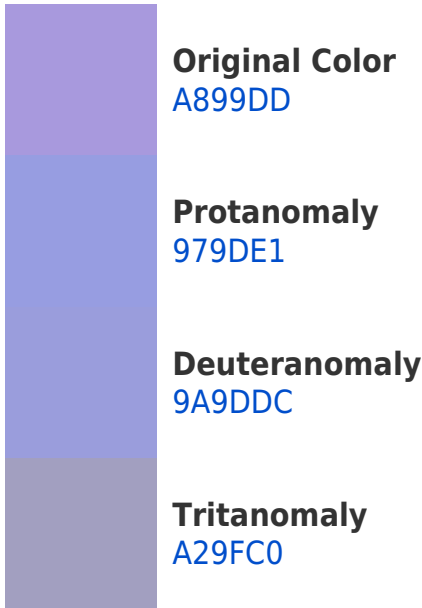
## Dichromacy



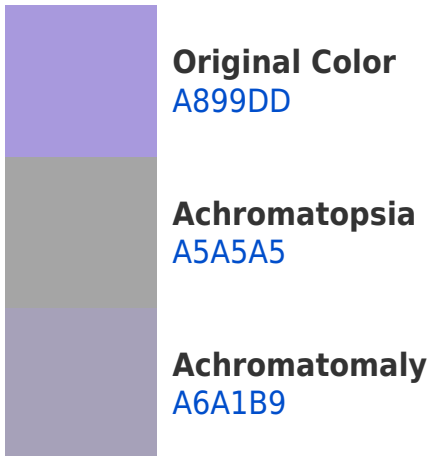


**Tritanopia**  
9FA2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A899DD 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 #A899DD looks like.

```
.text, #text, p{  
    color:#A899DD  
}
```

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 #A899DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A899DD
}
```

## Border

The CSS property to change the border of an element to Hex A899DD is called "border". The border property can be set on classes, ids or directly on the HTML element.

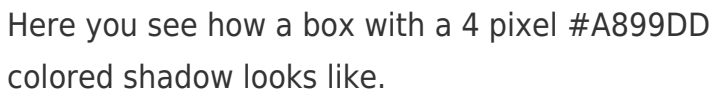
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A899DD }
```

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

```
.border{ border-color:#A899DD }
```

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



Here you see how a box with a 4 pixel #A899DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A899DD; -webkit-box-shadow:4px 4px  
4px 4px #A899DD; box-shadow:4px 4px 4px  
4px #A899DD }
```

# Background

The CSS property to change the background color of an element to Hex A899DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A899DD }
```

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

```
.background{ background-color:#A899DD }
```

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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