

# Converting Colors

Hex(A996DD)

Have a look what the booklet for  
Hex(A996DD) contains.

<b>Hex(A996DD)</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(A996DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A996DD
RGB	169, 150, 221
RGB Percent	66%, 59%, 87%
CMY	0.3373, 0.4118, 0.1333
CMYK	0.24, 0.32, 0.00, 0.13
HSL	256°, 51%, 73%
HSV	256°, 32%, 87%
XYZ	40.3197, 35.4682, 73.1276
YIQ	163.7750, -11.4670, 26.1090

# Conversions

## Conversions Part 2

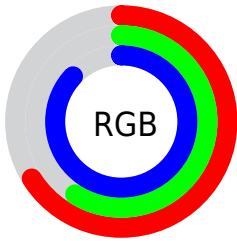
Format	Color
R <sub>Y</sub> B	169, 150, 221
Decimal	11114205
CIE Lab	66.11, 21.76, -33.58
CIE LCh	66, 40.011, 302.948
Yxy	35.4682, 0.2708, 0.2382
Android (android.graphics.Color)	4289304285 (0xFFA996DD)
YUV	163.7750, 28.2119, 4.5823
Hunter-Lab	59.5552, 16.6255, -31.1134

# Details

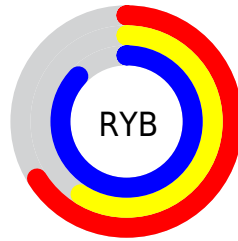
The Hex color **A996DD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CADD96**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **E1CCFF**, and **7363A6** is the 20% darker color. If you saturate the color by 10%, you get **9980DD**, and if you desaturate by 10%, it is **B9ACDD**.

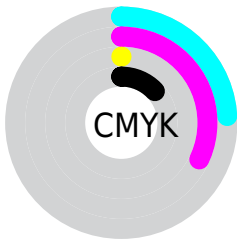
# Distribution



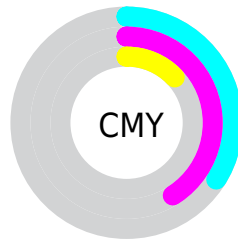
- Red (66%)
- Green (59%)
- Blue (87%)



- Red (66%)
- Yellow (59%)
- Blue (87%)



- Cyan (24%)
- Magenta (32%)
- Yellow (0%)
- Black (13%)



- Cyan (34%)
- Magenta (41%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A996DD 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 A996DD by changing the saturation by 10% instead.



 A996DD

 A996DD

FFFFFF

 8E7CC1

 E1CCFF

 7363A6

 FEE8FF

 5A4B8B

 413471

 281F58

 0D0A41

 00002A

 000114

 000000

 A996DD

 A996DD

 9980DD

 B9ACDD

 896ADD

 C9C2DD

 7854DD

 DAD8DD

 683EDD

 EAEEDD

 5828DD

 FAFFDD

 4811DD

 FFFFDD

 3B00DD

# Harmonies

## Analogous

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



6FA3E8



A996DD



D18AC2

# Triad

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



A996DD



D29361



22B4A3

# Complementary

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



A996DD



CADD96

# 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.



62B17F



A996DD



B4A058

# Square

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



A996DD



E3887B



8EAA63



00B2C7

# Rectangle

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



A996DD



E085AB



8EAA63



3DB397



# Sweetspot

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



A996DD



ECE6FF



96CADD



747080



000000



808080



# Same Dimension

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



A996DD



B69CFF



CC96DD



66636E



2E00AD



0C002E



# Inverse Universe

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



DD96CA



FF9CE4



A7DD96



6E636B



AD007F

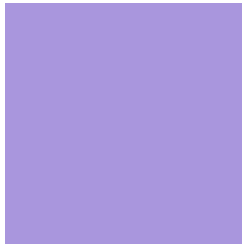


2E0022



# Previews

## White Background



This preview shows how the Hex color A996DD looks on a white background.

## Color Contrast Check

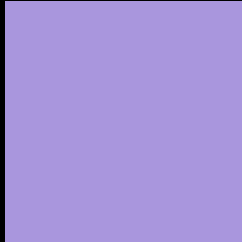
Large Text (above 18pt) WCAG AA × Fail

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 A996DD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

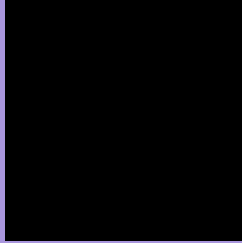
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A996DD Background



This preview shows how black text looks on a background with the Hex color A996DD.

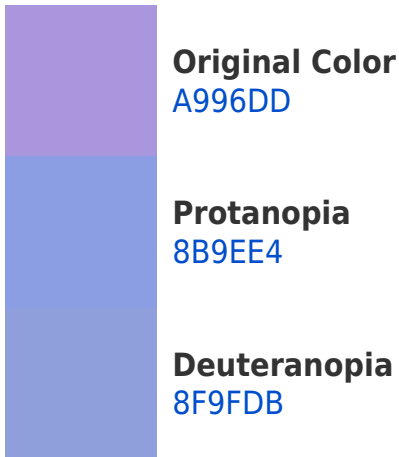


This preview shows how white text looks on a background with the Hex color A996DD.

# Color Blindness Simulation

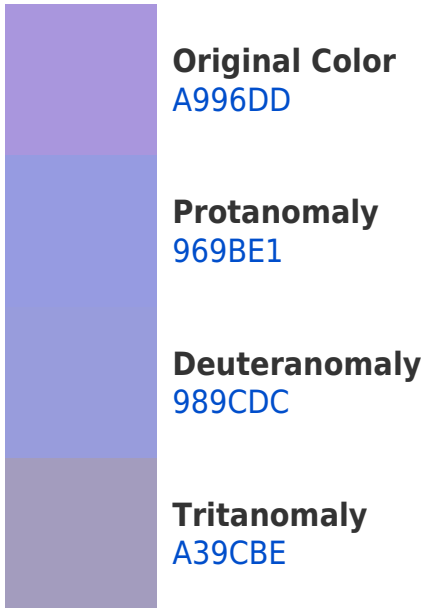
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

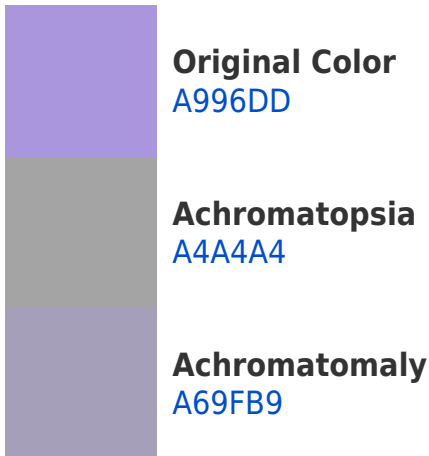




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A996DD 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 #A996DD looks like.

```
.text, #text, p{  
    color:#A996DD  
}
```

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 #A996DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A996DD
}
```

## Border

The CSS property to change the border of an element to Hex A996DD is called "border". The border property can be set on classes, ids or directly on the HTML element.

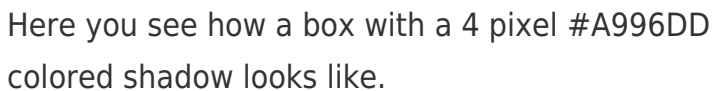
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A996DD }
```

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

```
.border{ border-color:#A996DD }
```

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



Here you see how a box with a 4 pixel #A996DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A996DD; -webkit-box-shadow:4px 4px  
4px 4px #A996DD; box-shadow:4px 4px 4px  
4px #A996DD }
```

# Background

The CSS property to change the background color of an element to Hex A996DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A996DD }
```

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

```
.background{ background-color:#A996DD }
```

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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