

# Converting Colors

Hex(A985DD)

Have a look what the booklet for  
Hex(A985DD) contains.

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# Color

**Hex(A985DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A985DD
RGB	169, 133, 221
RGB Percent	66%, 52%, 87%
CMY	0.3373, 0.4784, 0.1333
CMYK	0.24, 0.40, 0.00, 0.13
HSL	265°, 56%, 69%
HSV	265°, 40%, 87%
XYZ	37.8009, 30.4305, 72.2880
YIQ	153.7960, -6.7920, 35.0000

# Conversions

## Conversions Part 2

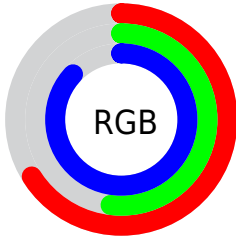
<b>Format</b>	<b>Color</b>
<b>RYB</b>	169, 133, 221
Decimal	11109853
CIELab	62.02, 31.39, -39.95
CIELCh	62, 50.806, 308.156
Yxy	30.4305, 0.2690, 0.2166
Android (android.graphics.Color)	4289299933 (0xFFA985DD)
YUV	153.7960, 33.1316, 13.3339
Hunter-Lab	55.1639, 25.7797, -39.0802

# Details

The Hex color **A985DD** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B9DD85**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **E2BBFF**, and **7353A5** is the 20% darker color. If you saturate the color by 10%, you get **9C6FDD**, and if you desaturate by 10%, it is **B69BDD**.

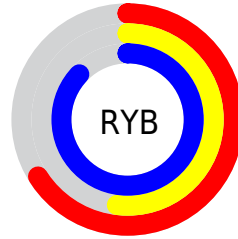
# Distribution



Red (66%)

Green (52%)

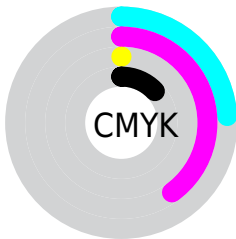
Blue (87%)



Red (66%)

Yellow (52%)

Blue (87%)

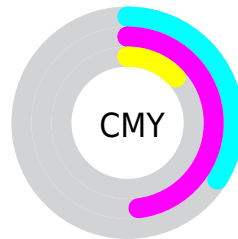


Cyan (24%)

Magenta (40%)

Yellow (0%)

Black (13%)



Cyan (34%)

Magenta (48%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A985DD 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 A985DD by changing the saturation by 10% instead.



 A985DD

 A985DD

FFFFFF

 8E6BC1

 E2BBFF

 7353A5

 FFD6FF

 593B8B

 FFF3FF

 3F2471

 250E58

 0E0040

 000329

 000113

 000000

 A985DD

 A985DD

 9C6FDD

 B69BDD

 8F59DD

 C3B1DD

 8243DD

 D0C7DD

 752DDD

 DDDDDD

 6816DD

 EAF4DD

 5B00DD

 F7FFDD

 5A00DD

 FFFFDD

# Harmonies

## Analogous

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



5A97EF



A985DD



D774B8

# Triad

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



A985DD



CA8841



00ACA1

# Complementary

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



A985DD



B9DD85

# 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.



2AAA73



A985DD



A49738

# Square

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



A985DD



E37761



74A34C



00ABCC

# Rectangle

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



A985DD



E66F9B



74A34C



00AC92



# Sweetspot

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



A985DD



EDE0FF



85BADD



756E80



000000



808080



# Same Dimension

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



A985DD



B785FF



D485DD



67636E



4700AD



13002E



# Inverse Universe

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



DD85B9



FF85CD



8EDD85



6E6369



AD0066

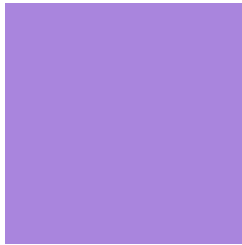


2E001B



# Previews

## White Background



This preview shows how the Hex color A985DD looks on a white background.

## Color Contrast Check

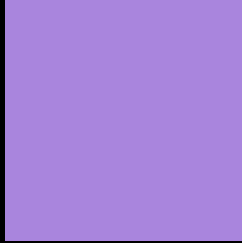
Large Text (above 18pt) WCAG AA × Fail

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 A985DD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

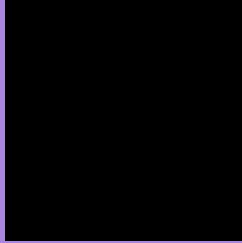
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A985DD Background



This preview shows how black text looks on a background with the Hex color A985DD.

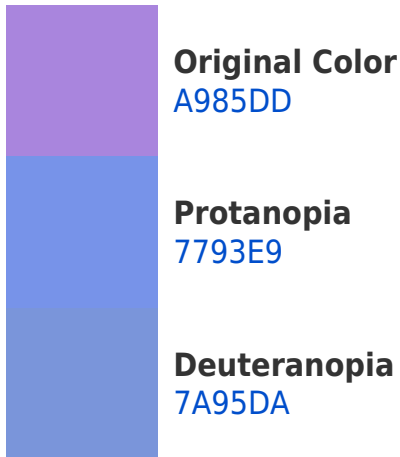


This preview shows how white text looks on a background with the Hex color A985DD.

# 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](#).

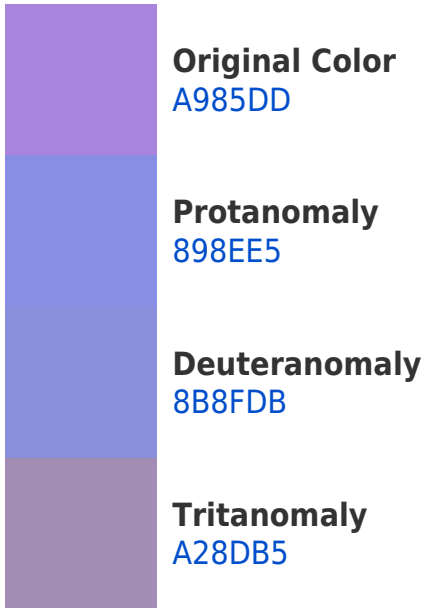
## Dichromacy



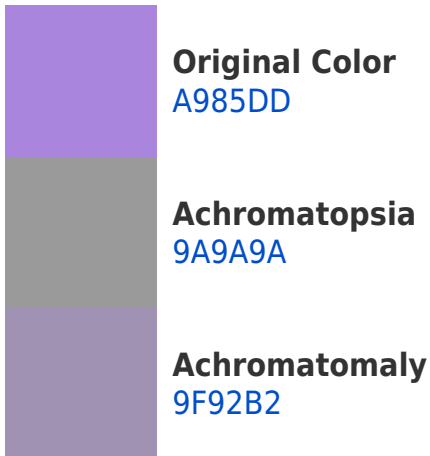


**Tritanopia**  
9E929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A985DD 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 #A985DD looks like.

```
.text, #text, p{  
    color:#A985DD  
}
```

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 #A985DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A985DD
}
```

## Border

The CSS property to change the border of an element to Hex A985DD is called "border". The border property can be set on classes, ids or directly on the HTML element.

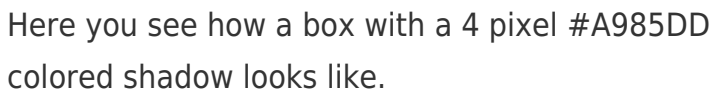
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A985DD }
```

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

```
.border{ border-color:#A985DD }
```

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



Here you see how a box with a 4 pixel `#A985DD` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A985DD; -webkit-box-shadow:4px 4px  
4px 4px #A985DD; box-shadow:4px 4px 4px  
4px #A985DD }
```

# Background

The CSS property to change the background color of an element to Hex A985DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A985DD }
```

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

```
.background{ background-color:#A985DD }
```

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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