

# Converting Colors

Hex(D99EDD)

Have a look what the booklet for  
Hex(D99EDD) contains.

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# **Color**

**Hex(D99EDD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D99EDD
RGB	217, 158, 221
RGB Percent	85%, 62%, 87%
CMY	0.1490, 0.3804, 0.1333
CMYK	0.02, 0.29, 0.00, 0.13
HSL	296°, 48%, 74%
HSV	296°, 29%, 87%
XYZ	53.8933, 44.4259, 74.1412
YIQ	182.8230, 14.9410, 32.1010

# Conversions

## Conversions Part 2

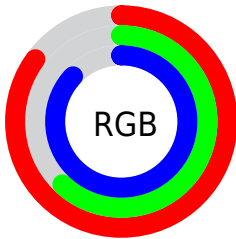
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	217, 158, 221
Decimal	14261981
CIE <sub>Lab</sub>	72.51, 32.32, -23.35
CIE <sub>LCh</sub>	73, 39.873, 324.162
Yxy	44.4259, 0.3125, 0.2576
Android (android.graphics.Color)	4292452061 (0xFFD99EDD)
YUV	182.8230, 18.8213, 29.9732
Hunter-Lab	66.6528, 27.6871, -19.2943

# Details

The Hex color **D99EDD** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A2DD9E**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFD5FF**, and **A16AA6** is the 20% darker color. If you saturate the color by 10%, you get **D888DD**, and if you desaturate by 10%, it is **DAB4DD**.

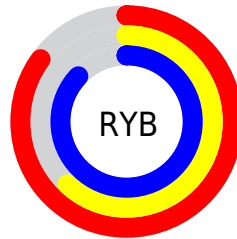
# Distribution



Red (85%)

Green (62%)

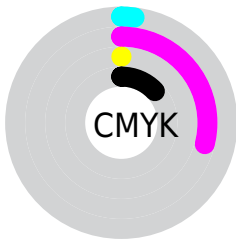
Blue (87%)



Red (85%)

Yellow (62%)

Blue (87%)

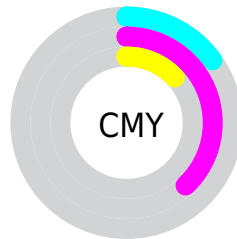


Cyan (2%)

Magenta (29%)

Yellow (0%)

Black (13%)



Cyan (15%)

Magenta (38%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D99EDD 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 D99EDD by changing the saturation by 10% instead.



 D99EDD

 D99EDD

FFFFFF

 BD83C1

 FFD5FF

 A16AA6

 FFF2FF

 86518B

 6C3972

 532159

 3B0841

 26002B

 000115

 000000

 D99EDD

 D99EDD

 D888DD

 DAB4DD

 D672DD

 DCCADD

 D55CDD

 DDE0DD

 D346DD

 DFF6DD

 D230DD

 E0FFDD

 D119DD

 E1FFDD

 CF03DD

 E3FFDD

 CF00DD

 E4FFDD

 E6FFDD

# Harmonies

## Analogous

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



ACABF4



D99EDD



F396BB

# Triad

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



D99EDD



D0AD69



0AC5CE

# Complementary

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



D99EDD



A2DD9E

# 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.



4FC5A9



D99EDD



ACB96E

# Square

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



D99EDD



EBA178



81C186



27C1EC

# Rectangle

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



D99EDD



F996A2



81C186



26C5C2



# Sweetspot

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



D99EDD



FEE8FF



9EA2DD



7F7180



000000



808080



# Same Dimension

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



D99EDD



F9A8FF



DD9EC2



6D636E



A200AD



2B002E



# Inverse Universe

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



DD9EA2



FFA8AE



9EDDB9



6E6363



AD000B

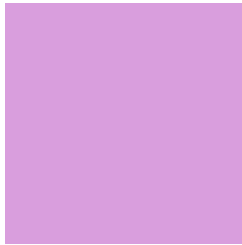


2E0003



# Previews

## White Background



This preview shows how the Hex color D99EDD looks on a white background.

## Color Contrast Check

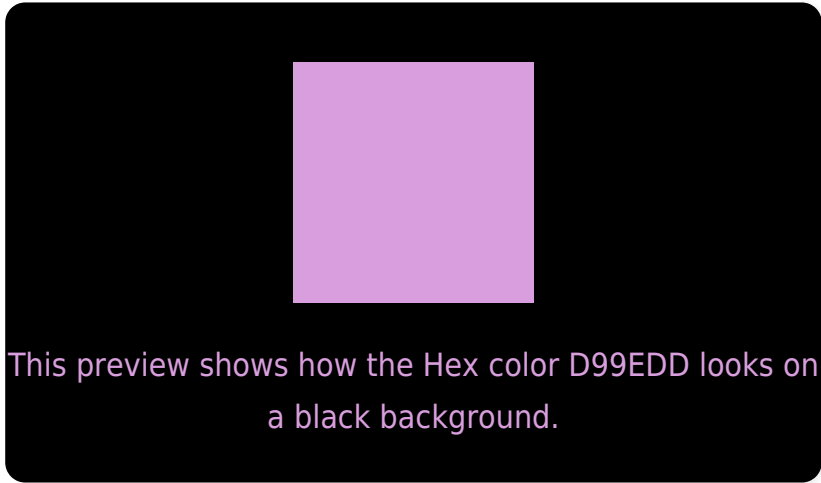
Large Text (above 18pt) WCAG AA × Fail

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

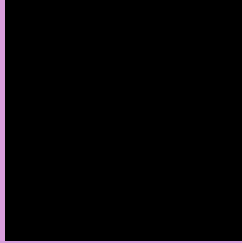
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D99EDD Background



This preview shows how black text looks on a background with the Hex color D99EDD.

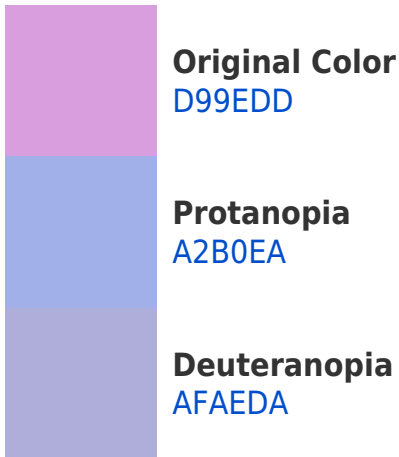


This preview shows how white text looks on a background with the Hex color D99EDD.

# 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](#).

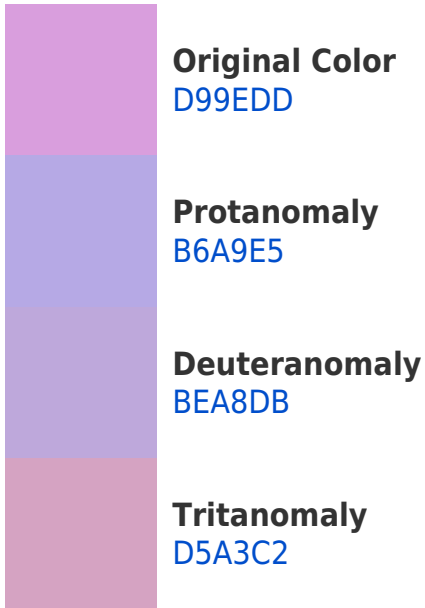
## Dichromacy



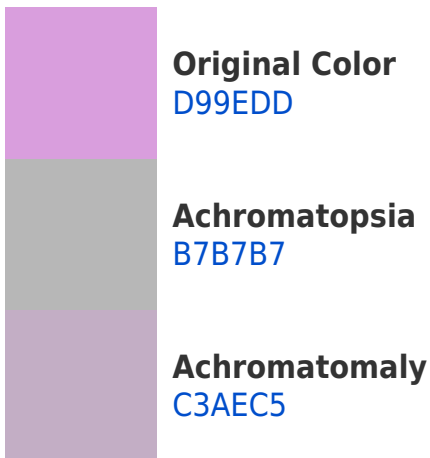


**Tritanopia**  
D3A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D99EDD 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 #D99EDD looks like.

```
.text, #text, p{  
    color:#D99EDD  
}
```

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 #D99EDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D99EDD
}
```

## Border

The CSS property to change the border of an element to Hex D99EDD 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
#D99EDD }
```

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

```
.border{ border-color:#D99EDD }
```

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

Here you see how a box with a 4 pixel #D99EDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D99EDD; -webkit-box-shadow:4px 4px  
4px 4px #D99EDD; box-shadow:4px 4px 4px  
4px #D99EDD }
```

# Background

The CSS property to change the background color of an element to Hex D99EDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D99EDD }
```

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

```
.background{ background-color:#D99EDD }
```

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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