

# Converting Colors

Hex(D5A7DC)

Have a look what the booklet for  
Hex(D5A7DC) contains.

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# **Color**

**Hex(D5A7DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5A7DC
RGB	213, 167, 220
RGB Percent	84%, 65%, 86%
CMY	0.1647, 0.3451, 0.1373
CMYK	0.03, 0.24, 0.00, 0.14
HSL	292°, 43%, 76%
HSV	292°, 24%, 86%
XYZ	54.1776, 46.9509, 73.9171
YIQ	186.7960, 10.4030, 26.2350

# Conversions

## Conversions Part 2

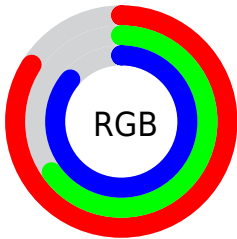
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 167, 220
Decimal	14002140
CIE <sub>Lab</sub>	74.16, 25.96, -20.33
CIE <sub>LCh</sub>	74, 32.970, 321.930
Yxy	46.9509, 0.3095, 0.2682
Android (android.graphics.Color)	4292192220 (0xFFD5A7DC)
YUV	186.7960, 16.3696, 22.9809
Hunter-Lab	68.5207, 21.2241, -15.9949

# Details

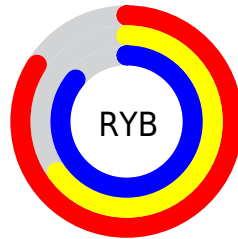
The Hex color **D5A7DC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **AEDCA7**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFDEFF**, and **9E73A5** is the 20% darker color. If you saturate the color by 10%, you get **D291DC**, and if you desaturate by 10%, it is **D8BDDC**.

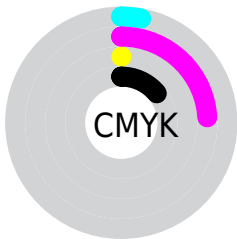
# Distribution



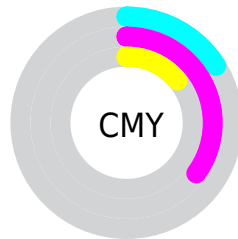
- Red (84%)
- Green (65%)
- Blue (86%)



- Red (84%)
- Yellow (65%)
- Blue (86%)



- Cyan (3%)
- Magenta (24%)
- Yellow (0%)
- Black (14%)



- Cyan (16%)
- Magenta (35%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5A7DC 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 D5A7DC by changing the saturation by 10% instead.



 D5A7DC

FFFFFF

 FFDEFF

 FFFBFF


 D5A7DC

 B98CC0

 9E73A5

 835A8A

 6A4271

 512B58

 391441

 23002B

 000015

 000000

 D5A7DC

 D5A7DC

 D291DC

 D8BDDC

 CF7BDC

 DBD3DC

 CC65DC

 DEE9DC

 C94FDC

 E1FFDC

 C639DC

 E4FFDC

 C423DC

 E6FFDC

 C10DDC

 E9FFDC

 BF00DC

 ECFDC

 EFFFDC

# Harmonies

## Analogous

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



AFB1EE



D5A7DC



ECA0C0

# Triad

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



D5A7DC



D3B27B



54C7CC

# Complementary

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



D5A7DC



AEDCA7

# 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.



6EC6AD



D5A7DC



B4BB7D

# Square

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



D5A7DC



E9A888



92C390



5BC3E5

# Rectangle

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



D5A7DC



F3A0AB



92C390



5BC7C2



# Sweetspot

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



D5A7DC



FDEDFD



A7AEDC



7E7580



000000



808080



# Same Dimension

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



D5A7DC



F5B5FF



DCA7C9



6C636E



9600AD



28002E



# Inverse Universe

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



DCA7AE



FFB5BF



A7DCBA



6E6364



AD0017

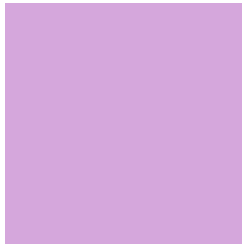


2E0006



# Previews

## White Background



This preview shows how the Hex color D5A7DC looks on a white background.

## Color Contrast Check

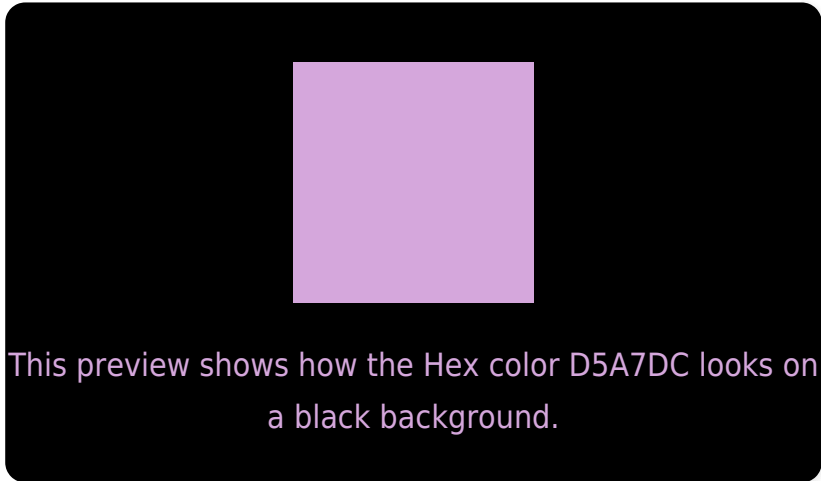
Large Text (above 18pt) WCAG AA × Fail

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 D5A7DC Background



This preview shows how black text looks on a background with the Hex color D5A7DC.

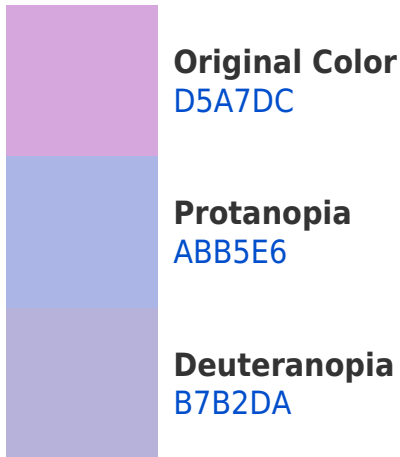


This preview shows how white text looks on a background with the Hex color D5A7DC.

# 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**  
D5A7DC



**Protanomaly**  
BAB0E2



**Deuteranomaly**  
C2AEDB

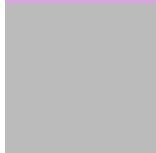


**Tritanomaly**  
D2ABC7

# Monochromacy



**Original Color**  
D5A7DC



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
C4B4C7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5A7DC 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 #D5A7DC looks like.

```
.text, #text, p{  
    color:#D5A7DC  
}
```

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 #D5A7DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5A7DC
}
```

## Border

The CSS property to change the border of an element to Hex D5A7DC 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
#D5A7DC }
```

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

```
.border{ border-color:#D5A7DC }
```

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

Here you see how a box with a 4 pixel #D5A7DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5A7DC; -webkit-box-shadow:4px 4px  
4px 4px #D5A7DC; box-shadow:4px 4px 4px  
4px #D5A7DC }
```

# Background

The CSS property to change the background color of an element to Hex D5A7DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5A7DC }
```

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

```
.background{ background-color:#D5A7DC }
```

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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