

# Converting Colors

Hex(D7AECD)

Have a look what the booklet for  
Hex(D7AECD) contains.

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# **Color**

**Hex(D7AECD)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | D7AECD                     |
| RGB           | 215, 174, 205              |
| RGB Percent   | 84%, 68%, 80%              |
| CMY           | 0.1569, 0.3176, 0.1961     |
| CMYK          | 0.00, 0.19, 0.05, 0.16     |
| HSL           | 315°, 34%, 76%             |
| HSV           | 315°, 19%, 84%             |
| XYZ           | 54.1798, 49.1270, 64.3845  |
| YIQ           | 189.7930, 14.4850, 18.3330 |

# Conversions

## Conversions Part 2

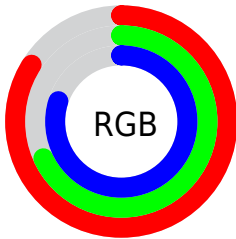
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 215, 174, 205                |
| Decimal                             | 14134989                     |
| CIE <sub>Lab</sub>                  | 75.53, 20.05, -10.06         |
| CIE <sub>LCh</sub>                  | 76, 22.430, 333.357          |
| Yxy                                 | 49.1270, 0.3231,<br>0.2930   |
| Android<br>(android.graphics.Color) | 4292325069<br>(0xFFD7AECF)   |
| YUV                                 | 189.7930, 7.4971,<br>22.1065 |
| Hunter-Lab                          | 70.0906, 15.3213,<br>-5.3997 |

# Details

The Hex color **D7AECD** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **AED7B8**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFE6FF**, and **A07997** is the 20% darker color. If you saturate the color by 10%, you get **D799C8**, and if you desaturate by 10%, it is **D7C4D2**.

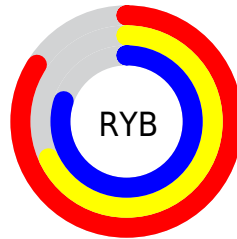
# Distribution



Red (84%)

Green (68%)

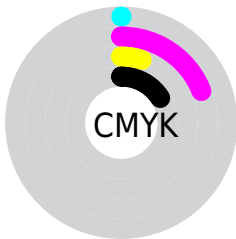
Blue (80%)



Red (84%)

Yellow (68%)

Blue (80%)

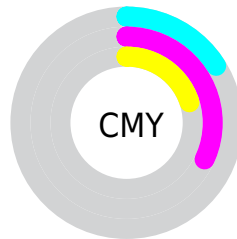


Cyan (0%)

Magenta (19%)

Yellow (5%)

Black (16%)



Cyan (16%)

Magenta (32%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7AECD 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 D7AECD by changing the saturation by 10% instead.



 D7AECD

FFFFFF

 FFE6FF

 D7AECD

 BB93B2

 A07997

 85607D

 6C4864

 53314C

 3B1B35

 250520

 000006

 000000

 D7AECD

 D7AECD

 D799C8

 D7C4D2

 D783C3

 D7D9D7

 D76EBD

 D7EFDD

 D758B8

 D7FFE2

 D743B3

 D7FFE7

 D72DAE

 D7FFEC

 D718A8

 D7FFF2

 D702A3

 D7FFF7

 D700A3

 D7FFFC

# Harmonies

## Analogous

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



C1B4DD



D7AECD



E3ABB8

# Triad

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



D7AECD



C8B991



81C5D0

# Complementary

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



D7AECD



AED7B8

# 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.



87C6BC



D7AECD



B1C097

# Square

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



D7AECD



DAB396



99C4A7



8CC1DE

# Rectangle

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



D7AECD



E5ACAB



99C4A7



81C6CA



# Sweetspot

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



D7AECB



FFF0FB



B8AED7



80777D



000000



808080



# Same Dimension

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



D7AECB



FFC4F1



D7AEB9



6B6068



AB0081



2B0021



# Inverse Universe

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



D7AECB



FFC4F1



AED7CC



6B6068



AB0081

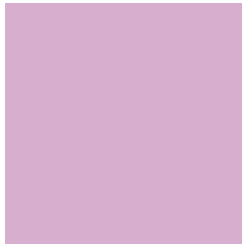


2B0021



# Previews

## White Background



This preview shows how the Hex color D7AECD looks on a white background.

## Color Contrast Check

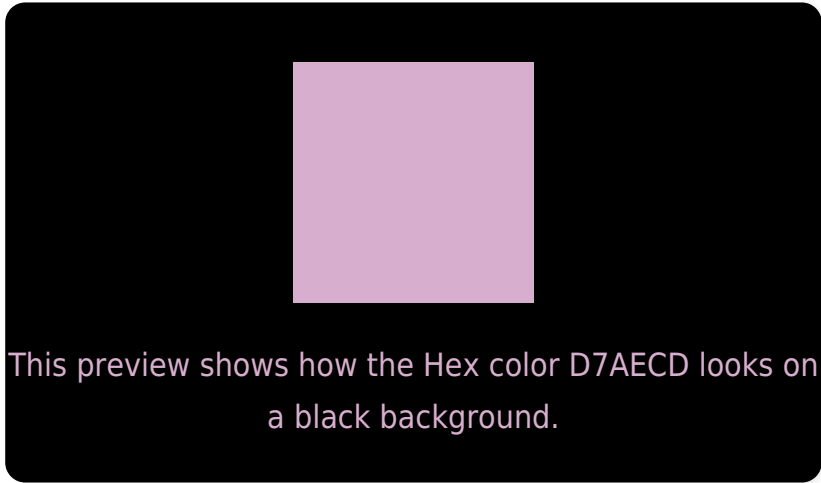
Large Text (above 18pt) WCAG AA × Fail

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

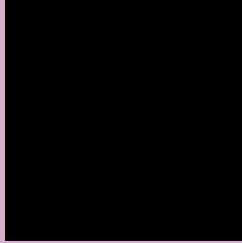
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D7AECD Background



This preview shows how black text looks on a background with the Hex color D7AECD.

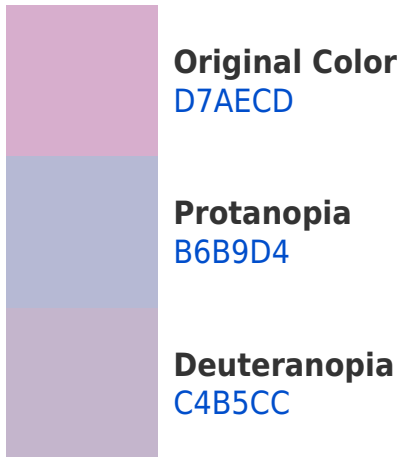


This preview shows how white text looks on a background with the Hex color D7AECD.

# 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**  
D5B1BE

# Trichromacy



**Original Color**  
D7AECD

**Protanomaly**  
C2B5D1

**Deuteranomaly**  
CBB2CC

**Tritanomaly**  
D6B0C3

# Monochromacy



**Original Color**  
D7AECD

**Achromatopsia**  
BEBEBE

**Achromatomaly**  
C7B8C3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7AECD 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 #D7AECD looks like.

```
.text, #text, p{  
    color:#D7AECD  
}
```

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 #D7AECD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7AECD
}
```

## Border

The CSS property to change the border of an element to Hex D7AECD 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
#D7AECD }
```

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

```
.border{ border-color:#D7AECD }
```

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

Here you see how a box with a 4 pixel #D7AECD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7AECD; -webkit-box-shadow:4px 4px  
4px 4px #D7AECD; box-shadow:4px 4px 4px  
4px #D7AECD }
```

# Background

The CSS property to change the background color of an element to Hex D7AECD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7AECD }
```

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

```
.background{ background-color:#D7AECD }
```

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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