

# Converting Colors

Hex(D7A7CC)

Have a look what the booklet for  
Hex(D7A7CC) contains.

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# **Color**

**Hex(D7A7CC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D7A7CC
RGB	215, 167, 204
RGB Percent	84%, 65%, 80%
CMY	0.1569, 0.3451, 0.2000
CMYK	0.00, 0.22, 0.05, 0.16
HSL	314°, 38%, 75%
HSV	314°, 22%, 84%
XYZ	52.7421, 46.4441, 63.3115
YIQ	185.5700, 16.7310, 21.6830

# Conversions

## Conversions Part 2

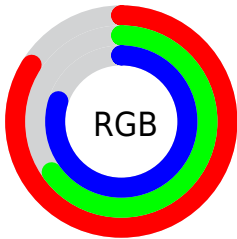
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 167, 204
Decimal	14133196
CIE Lab	73.83, 23.66, -12.05
CIE LCh	74, 26.555, 333.021
Yxy	46.4441, 0.3246, 0.2858
Android (android.graphics.Color)	4292323276 (0xFFD7A7CC)
YUV	185.5700, 9.0860, 25.8101
Hunter-Lab	68.1499, 18.8811, -7.3757

# Details

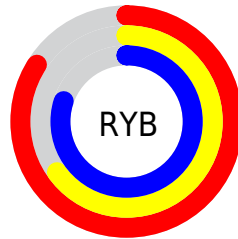
The Hex color **D7A7CC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A7D7B2**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFDEFF**, and **A07396** is the 20% darker color. If you saturate the color by 10%, you get **D792C7**, and if you desaturate by 10%, it is **D7BDD1**.

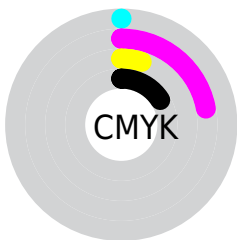
# Distribution



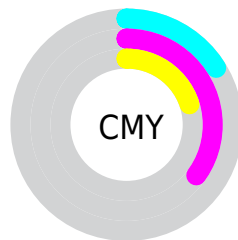
- Red (84%)
- Green (65%)
- Blue (80%)



- Red (84%)
- Yellow (65%)
- Blue (80%)



- Cyan (0%)
- Magenta (22%)
- Yellow (5%)
- Black (16%)



- Cyan (16%)
- Magenta (35%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7A7CC 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 D7A7CC by changing the saturation by 10% instead.



 D7A7CC

FFFFFF

 FFDEFF

 FFFBFF

 D7A7CC

 BB8CB1

 A07396

 855A7C

 6B4263

 532B4B

 3B1534

 25001F

 000003

 000000

 D7A7CC

 D7A7CC

 D792C7

 D7BDD1

 D77CC2

 D7D2D6

 D767BD

 D7E8DB

 D751B8

 D7FDE0

 D73CB3

 D7FFE5

 D726AE

 D7FFEA

 D711AA

 D7FFEE

 D700A6

 D7FFF3

 D7FFF8

# Harmonies

## Analogous

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



BCAEDE



D7A7CC



E5A4B4

# Triad

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



D7A7CC



C5B585



6DC2CF

# Complementary

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



D7A7CC



A7D7B2

# 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.



77C3B7



D7A7CC



AABC8C

# Square

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



D7A7CC



DAAC8B



8EC19F



7CBEE0

# Rectangle

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



D7A7CC



E7A5A4



8EC19F



6EC3C8



# Sweetspot

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



D7A7CC



FFEDFB



B1A7D7



80757D



000000



808080



# Same Dimension

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



D7A7CC



FFBAEF



D7A7B5



6B6069



AB0084



2B0021



# Inverse Universe

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



D7A7CC



FFBAEF



A7D7C9



6B6069



AB0084



2B0021



# Previews

## White Background



This preview shows how the Hex color D7A7CC looks on a white background.

## Color Contrast Check

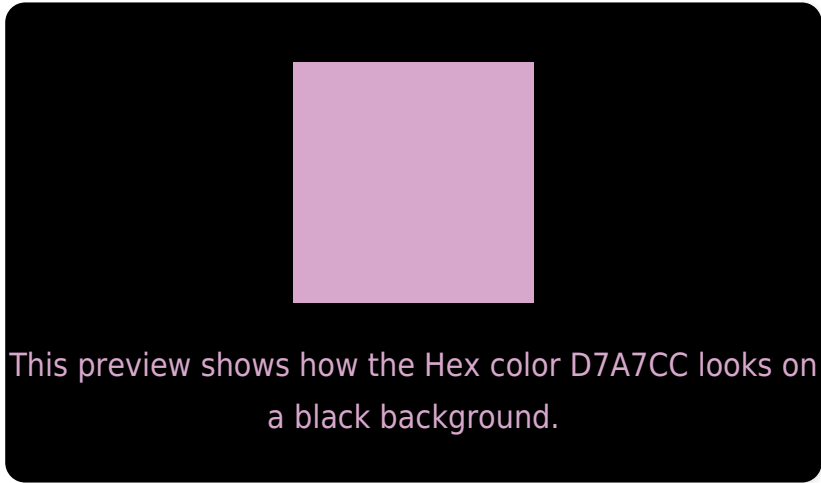
Large Text (above 18pt) WCAG AA × Fail

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

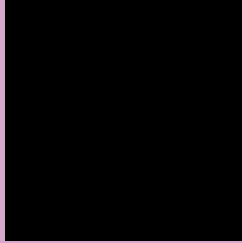
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D7A7CC Background



This preview shows how black text looks on a background with the Hex color D7A7CC.

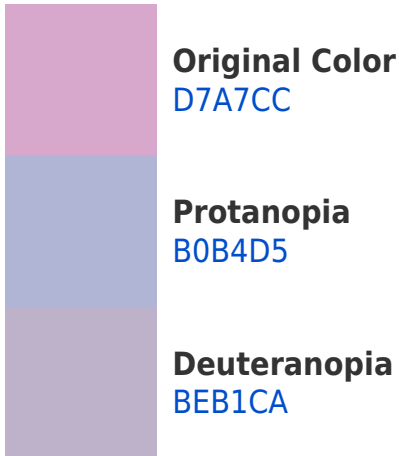


This preview shows how white text looks on a background with the Hex color D7A7CC.

# 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**  
D4ABB8

# Trichromacy



**Original Color**  
D7A7CC

**Protanomaly**  
BEAFD2

**Deuteranomaly**  
C7ADCB

**Tritanomaly**  
D5AABF

# Monochromacy



**Original Color**  
D7A7CC

**Achromatopsia**  
BABABA

**Achromatomaly**  
C5B3C1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7A7CC 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 #D7A7CC looks like.

```
.text, #text, p{  
  color:#D7A7CC  
}
```

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 #D7A7CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7A7CC  
}
```

## Border

The CSS property to change the border of an element to Hex D7A7CC 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  
#D7A7CC }
```

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

```
.border{ border-color:#D7A7CC }
```

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

Here you see how a box with a 4 pixel #D7A7CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7A7CC; -webkit-box-shadow:4px 4px  
4px 4px #D7A7CC; box-shadow:4px 4px 4px  
4px #D7A7CC }
```

# Background

The CSS property to change the background color of an element to Hex D7A7CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7A7CC }
```

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

```
.background{ background-color:#D7A7CC }
```

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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