

Converting Colors

Hex(D7A7CD)

Have a look what the booklet for
Hex(D7A7CD) contains.

Hex(D7A7CD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D7A7CD)

Conversions

Conversions Part 1

Format	Color
Hex	D7A7CD
RGB	215, 167, 205
RGB Percent	84%, 65%, 80%
CMY	0.1569, 0.3451, 0.1961
CMYK	0.00, 0.22, 0.05, 0.16
HSL	312°, 38%, 75%
HSV	312°, 22%, 84%
XYZ	52.8625, 46.4923, 63.9454
YIQ	185.6840, 16.4100, 21.9940

Conversions

Conversions Part 2

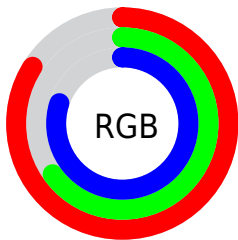
Format	Color
R_{YB}	215, 167, 205
Decimal	14133197
CIE _{Lab}	73.86, 23.84, -12.55
CIE _{LCh}	74, 26.944, 332.242
Yxy	46.4923, 0.3237, 0.2847
Android (android.graphics.Color)	4292323277 (0xFFD7A7CD)
YUV	185.6840, 9.5228, 25.7101
Hunter-Lab	68.1853, 19.0629, -7.8736

Details

The Hex color **D7A7CD** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A7D7B1**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFDEFF**, and **A07397** is the 20% darker color. If you saturate the color by 10%, you get **D792C9**, and if you desaturate by 10%, it is **D7BDD1**.

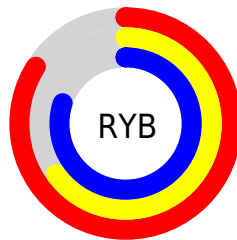
Distribution



Red (84%)

Green (65%)

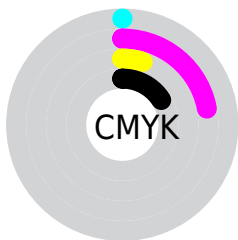
Blue (80%)



Red (84%)

Yellow (65%)

Blue (80%)

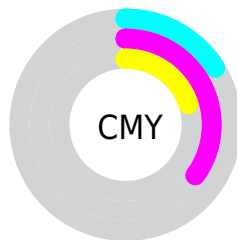


Cyan (0%)

Magenta (22%)

Yellow (5%)

Black (16%)



Cyan (16%)

Magenta (35%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7A7CD 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 D7A7CD by changing the saturation by 10% instead.

 D7A7CD

FFFFFF

 FFDEFF

 FFFBFF

 D7A7CD

 BB8CB2

 A07397

 855A7D

 6B4264

 532B4C

 3B1535

 250020

 000005

 000000

 D7A7CD

 D7A7CD

 D792C9

 D7BDD1

 D77CC4

 D7D2D6

 D767C0

 D7E8DA

 D751BB

 D7FDDF

 D73CB7

 D7FFE3

 D726B2

 D7FFE8

 D711AE

 D7FFEC

 D700AA

 D7FFF1

 D7FFF5

Harmonies

Analogous

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



BCAFDF



D7A7CD



E6A4B5

Triad

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



D7A7CD



C6B584



6CC2CF

Complementary

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



D7A7CD



A7D7B1

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.



76C3B7



D7A7CD



ABBC8B

Square

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



D7A7CD



DBAC8B



8FC19E



7ABEE1

Rectangle

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



D7A7CD



E8A4A4



8FC19E



6DC3C7

Sweetspot

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



D7A7CD



FFEDFB



B1A7D7



80757D



000000



808080

Same Dimension

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



D7A7CD



FFBAF1



D7A7B5



6B6069



AB0087



2B0022

Inverse Universe

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



D7A7CD



FFBAF1



A7D7C9



6B6069



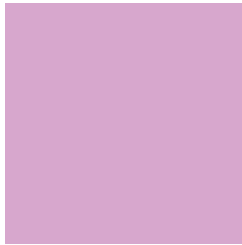
AB0087



2B0022

Previews

White Background



This preview shows how the Hex color D7A7CD looks on a white background.

Color Contrast Check

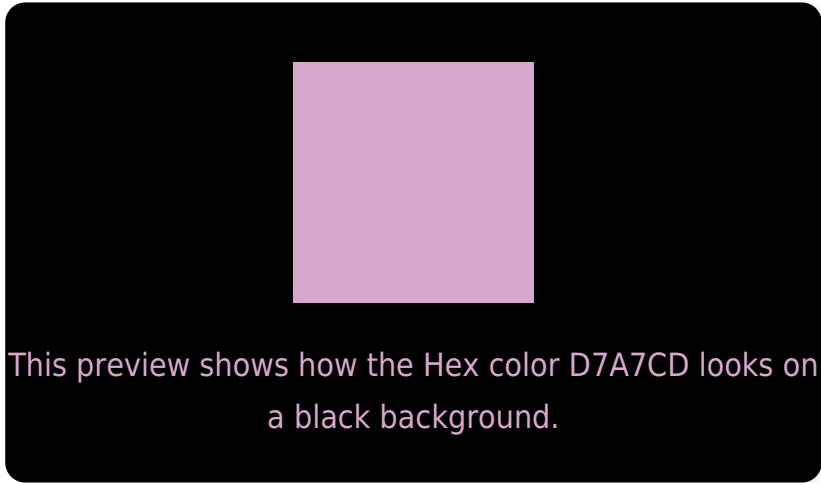
Large Text (above 18pt) WCAG AA × Fail

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

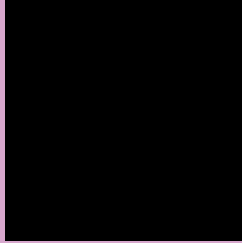
Any Text WCAG AA ✓ Pass

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 D7A7CD Background



This preview shows how black text looks on a background with the Hex color D7A7CD.

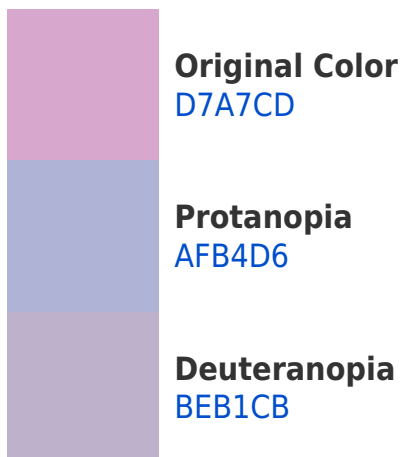


This preview shows how white text looks on a background with the Hex color D7A7CD.

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
D7A7CD

Protanomaly
BEAFD3

Deuteranomaly
C7ADCC

Tritanomaly
D5AAC0

Monochromacy



Original Color
D7A7CD

Achromatopsia
BABABA

Achromatomaly
C5B3C1

CSS Examples

Text

The CSS property to change the color of the text to Hex D7A7CD 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 #D7A7CD looks like.

```
.text, #text, p{  
    color:#D7A7CD  
}
```

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 #D7A7CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7A7CD
}
```

Border

The CSS property to change the border of an element to Hex D7A7CD 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
#D7A7CD }
```

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

```
.border{ border-color:#D7A7CD }
```

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

Here you see how a box with a 4 pixel #D7A7CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7A7CD; -webkit-box-shadow:4px 4px  
4px 4px #D7A7CD; box-shadow:4px 4px 4px  
4px #D7A7CD }
```

Background

The CSS property to change the background color of an element to Hex D7A7CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7A7CD }
```

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

```
.background{ background-color:#D7A7CD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor