

# Converting Colors

Hex(D7AFD6)

Have a look what the booklet for  
Hex(D7AFD6) contains.

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# **Color**

**Hex(D7AFD6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7AFD6
RGB	215, 175, 214
RGB Percent	84%, 69%, 84%
CMY	0.1569, 0.3137, 0.1608
CMYK	0.00, 0.19, 0.00, 0.16
HSL	302°, 33%, 76%
HSV	302°, 19%, 84%
XYZ	55.4919, 49.9621, 70.3372
YIQ	191.4060, 11.3210, 20.6090

# Conversions

## Conversions Part 2

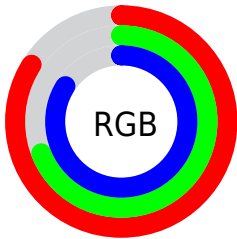
Format	Color
R <sub>Y</sub> B	215, 175, 214
Decimal	14135254
CIE Lab	76.05, 21.15, -14.19
CIE LCh	76, 25.466, 326.134
Yxy	49.9621, 0.3157, 0.2842
Android (android.graphics.Color)	4292325334 (0xFFD7AFD6)
YUV	191.4060, 11.1388, 20.6919
Hunter-Lab	70.6838, 16.4386, -9.5206

# Details

The Hex color **D7AFD6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **AFD7B0**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFE7FF**, and **A07A9F** is the 20% darker color. If you saturate the color by 10%, you get **D79AD5**, and if you desaturate by 10%, it is **D7C5D7**.

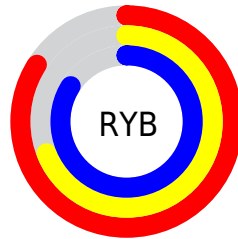
# Distribution



Red (84%)

Green (69%)

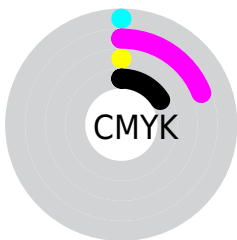
Blue (84%)



Red (84%)

Yellow (69%)

Blue (84%)

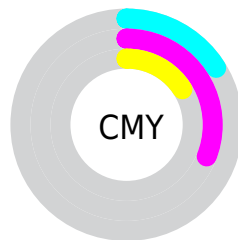


Cyan (0%)

Magenta (19%)

Yellow (0%)

Black (16%)



Cyan (16%)

Magenta (31%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7AFD6 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 D7AFD6 by changing the saturation by 10% instead.



 D7AFD6

 D7AFD6

FFFFFF

 BB94BA

 FFE7FF

 A07A9F

 856185

 6C496C

 533253

 3B1C3C

 250626

 020011

 000000

 D7AFD6

 D7AFD6

 D79AD5

 D7C5D7

 D784D5

 D7DAD7

 D76ED4

 D7F0D8

 D759D4

 D7FFD8

 D744D3

 D7FFD9

 D72ED3

 D7FFDA

 D718D2

 D7FFDB

 D703D2

 D700D2

# Harmonies

## Analogous

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



BBB7E6



D7AFD6



E8ABBF

# Triad

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



D7AFD6



D0B98D



78C8CF

# Complementary

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



D7AFD6



AFD7B0

# 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.



84C9B7



D7AFD6



B7C091

# Square

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



D7AFD6



E3B195



9CC6A1



80C5E2

# Rectangle

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



D7AFD6



ECABAF



9CC6A1



7AC9C8



# Sweetspot

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



D7AFD6



FFF0FF



B0AFD7



80777F



000000



808080



# Same Dimension

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



D7AFD6



FFC7FE



D7AFC2



6B606B



AB00A7



2B002A



# Inverse Universe

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



D7AFD6



FFC7FE



AFD7C4



6B606B



AB00A7

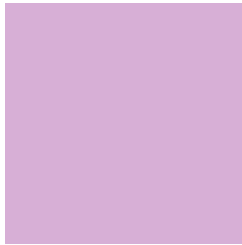


2B002A



# Previews

## White Background



This preview shows how the Hex color D7AFD6 looks on a white background.

## Color Contrast Check

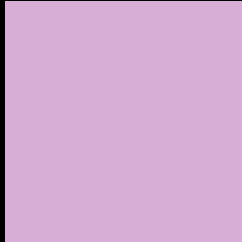
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color D7AFD6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

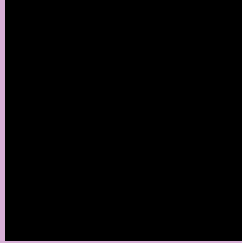
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D7AFD6 Background



This preview shows how black text looks on a background with the Hex color D7AFD6.

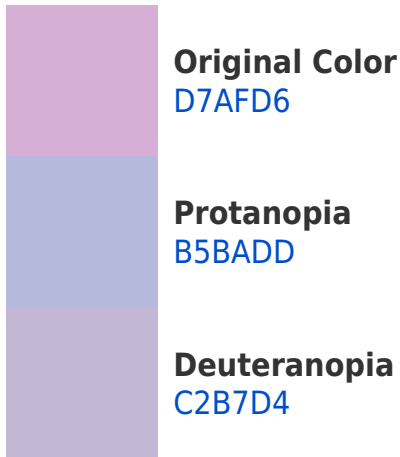


This preview shows how white text looks on a background with the Hex color D7AFD6.

# 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**  
D4B3C1

# Trichromacy



**Original Color**

D7AFD6



**Protanomaly**

C1B6DA



**Deuteranomaly**

CAB4D5



**Tritanomaly**

D5B2C9

# Monochromacy



**Original Color**

D7AFD6



**Achromatopsia**

BFBFBF



**Achromatomaly**

C8B9C7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7AFD6 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 #D7AFD6 looks like.

```
.text, #text, p{  
    color:#D7AFD6  
}
```

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 #D7AFD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7AFD6
}
```

## Border

The CSS property to change the border of an element to Hex D7AFD6 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
#D7AFD6 }
```

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

```
.border{ border-color:#D7AFD6 }
```

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

Here you see how a box with a 4 pixel #D7AFD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7AFD6; -webkit-box-shadow:4px 4px  
4px 4px #D7AFD6; box-shadow:4px 4px 4px  
4px #D7AFD6 }
```

# Background

The CSS property to change the background color of an element to Hex D7AFD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7AFD6 }
```

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

```
.background{ background-color:#D7AFD6 }
```

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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