

# Converting Colors

Hex(D4A7D7)

Have a look what the booklet for  
Hex(D4A7D7) contains.

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# **Color**

**Hex(D4A7D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4A7D7
RGB	212, 167, 215
RGB Percent	83%, 65%, 84%
CMY	0.1686, 0.3451, 0.1569
CMYK	0.01, 0.22, 0.00, 0.16
HSL	296°, 38%, 75%
HSV	296°, 22%, 84%
XYZ	53.2358, 46.5408, 70.4674
YIQ	185.9270, 11.4120, 24.4680

# Conversions

## Conversions Part 2

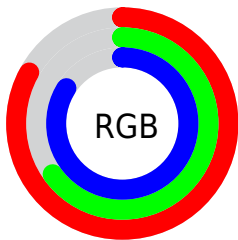
Format	Color
R <sub>Y</sub> B	212, 167, 215
Decimal	13936599
CIE Lab	73.90, 24.67, -18.01
CIE LCh	74, 30.546, 323.880
Yxy	46.5408, 0.3127, 0.2734
Android (android.graphics.Color)	4292126679 (0xFFD4A7D7)
YUV	185.9270, 14.3330, 22.8660
Hunter-Lab	68.2208, 19.9054, -13.4879

# Details

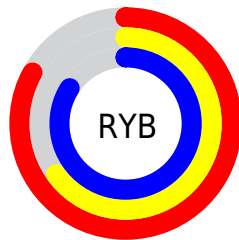
The Hex color **D4A7D7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **AAD7A7**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFDEFF**, and **9D73A0** is the 20% darker color. If you saturate the color by 10%, you get **D392D7**, and if you desaturate by 10%, it is **D5BDD7**.

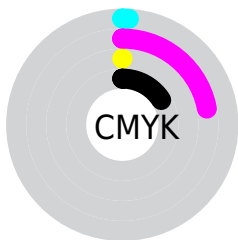
# Distribution



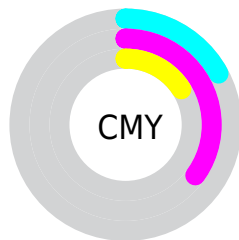
- Red (83%)
- Green (65%)
- Blue (84%)



- Red (83%)
- Yellow (65%)
- Blue (84%)



- Cyan (1%)
- Magenta (22%)
- Yellow (0%)
- Black (16%)



- Cyan (17%)
- Magenta (35%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4A7D7 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 D4A7D7 by changing the saturation by 10% instead.



 D4A7D7

 D4A7D7

FFFFFF

 B88CBB

 FFDEFF

 9D73A0

 FFFBFF

 825A86

 69426D

 502B54

 38153D

 230027

 000111

 000000

 D4A7D7

 D4A7D7

 D392D7

 D5BDD7

 D17CD7

 D7D2D7

 D067D7

 D8E8D7

 CF51D7

 D9FDD7

 CD3CD7

 DBFFD7

 CC26D7

 DCFFD7

 CB11D7

 DDFFD7

 CA00D7

 DFFFD7

 E0FFD7

# Harmonies

## Analogous

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



B2B0E9



D4A7D7



E9A1BD

# Triad

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



D4A7D7



CFB27E



5EC5CB

# Complementary

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



D4A7D7



AAD7A7

# 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.



72C5AF



D4A7D7



B2BB82

# Square

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



D4A7D7



E4A989



92C194



66C1E2

# Rectangle

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



D4A7D7



EEA1A9



92C194



62C5C2



# Sweetspot

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



D4A7D7



FEEDFF



A7AAD7



7F7580



000000



808080



# Same Dimension

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



D4A7D7



FBBAFF



D7A7C2



6A606B



A000AB



29002B



# Inverse Universe

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



D7A7AA



FFBABE



A7D7BC



6B6061



AB000B

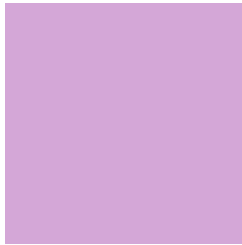


2B0003



# Previews

## White Background



This preview shows how the Hex color D4A7D7 looks on a white background.

## Color Contrast Check

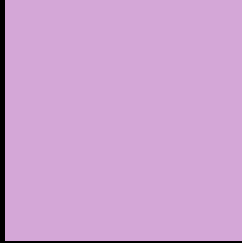
Large Text (above 18pt) WCAG AA × Fail

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 D4A7D7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

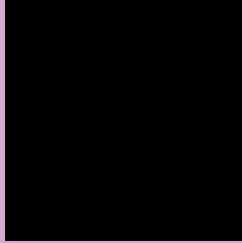
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D4A7D7 Background



This preview shows how black text looks on a background with the Hex color D4A7D7.

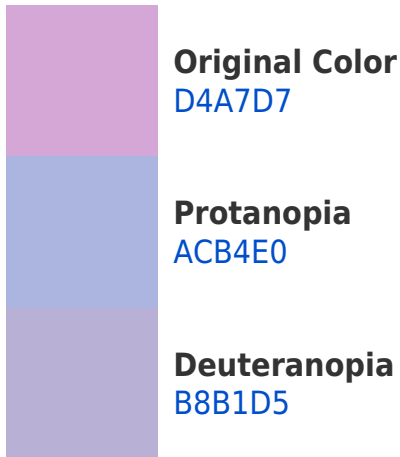


This preview shows how white text looks on a background with the Hex color D4A7D7.

# 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**  
D4A7D7

**Protanomaly**  
BBAFDD

**Deuteranomaly**  
C2ADD6

**Tritanomaly**  
D1AAC5

# Monochromacy



**Original Color**  
D4A7D7

**Achromatopsia**  
BABABA

**Achromatomaly**  
C3B3C5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4A7D7 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 #D4A7D7 looks like.

```
.text, #text, p{  
    color:#D4A7D7  
}
```

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 #D4A7D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4A7D7
}
```

## Border

The CSS property to change the border of an element to Hex D4A7D7 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
#D4A7D7 }
```

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

```
.border{ border-color:#D4A7D7 }
```

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

Here you see how a box with a 4 pixel #D4A7D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4A7D7; -webkit-box-shadow:4px 4px  
4px 4px #D4A7D7; box-shadow:4px 4px 4px  
4px #D4A7D7 }
```

# Background

The CSS property to change the background color of an element to Hex D4A7D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4A7D7 }
```

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

```
.background{ background-color:#D4A7D7 }
```

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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