

# Converting Colors

Hex(D4A7CB)

Have a look what the booklet for  
Hex(D4A7CB) contains.

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# **Color**

**Hex(D4A7CB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4A7CB
RGB	212, 167, 203
RGB Percent	83%, 65%, 80%
CMY	0.1686, 0.3451, 0.2039
CMYK	0.00, 0.21, 0.04, 0.17
HSL	312°, 34%, 74%
HSV	312°, 21%, 83%
XYZ	51.7496, 45.9463, 62.6409
YIQ	184.5590, 15.2640, 20.7360

# Conversions

## Conversions Part 2

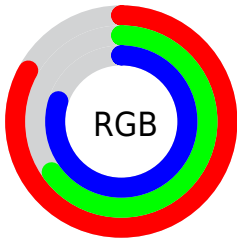
Format	Color
R <sub>Y</sub> B	212, 167, 203
Decimal	13936587
CIE Lab	73.51, 22.46, -12.01
CIE LCh	74, 25.469, 331.863
Yxy	45.9463, 0.3228, 0.2866
Android (android.graphics.Color)	4292126667 (0xFFD4A7CB)
YUV	184.5590, 9.0914, 24.0658
Hunter-Lab	67.7837, 17.6547, -7.3431

# Details

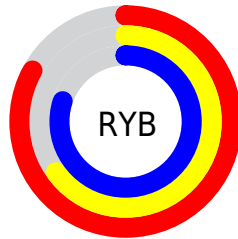
The Hex color **D4A7CB** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A7D4B0**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFDEFF**, and **9D7395** is the 20% darker color. If you saturate the color by 10%, you get **D492C7**, and if you desaturate by 10%, it is **D4BCCF**.

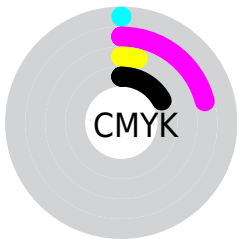
# Distribution



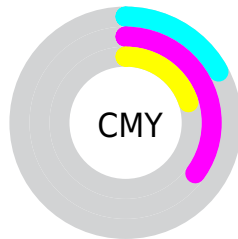
- Red (83%)
- Green (65%)
- Blue (80%)



- Red (83%)
- Yellow (65%)
- Blue (80%)



- Cyan (0%)
- Magenta (21%)
- Yellow (4%)
- Black (17%)



- Cyan (17%)
- Magenta (35%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4A7CB 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 D4A7CB by changing the saturation by 10% instead.



 D4A7CB

 D4A7CB

FFFFFF

 B88CB0

 FFDEFF

 9D7395

 FFFBFF

 835A7B

 694262

 502B4A

 391534

 24001F

 000002

 000000

 D4A7CB

 D4A7CB

 D492C7

 D4BCCF

 D47DC3

 D4D1D3

 D467BE

 D4E7D8

 D452BA

 D4FCDC

 D43DB6

 D4FFE0

 D428B2

 D4FFE4

 D413AD

 D4FFE9

 D400AA

 D4FFED

 D4FFF1

# Harmonies

## Analogous

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



BAAEDC



D4A7CB



E2A4B4

# Triad

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



D4A7CB



C4B386



70C1CC

# Complementary

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



D4A7CB



A7D4B0

# 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.



7AC2B5



D4A7CB



ABBB8C

# Square

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



D4A7CB



D8AC8C



90C09E



7DBDDD

# Rectangle

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



D4A7CB



E4A4A4



90C09E



71C2C5



# Sweetspot

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



D4A7CB



FFF0FC



B0A7D4



80777E



000000



808080



# Same Dimension

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



D4A7CB



FFBFF2



D4A7B5



6B6069



AB0089



2B0023



# Inverse Universe

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



D4A7CB



FFBFF2



A7D4C7



6B6069



AB0089

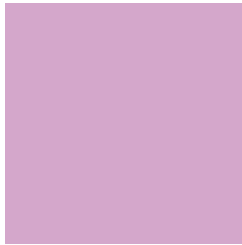


2B0023



# Previews

## White Background



This preview shows how the Hex color D4A7CB looks on a white background.

## Color Contrast Check

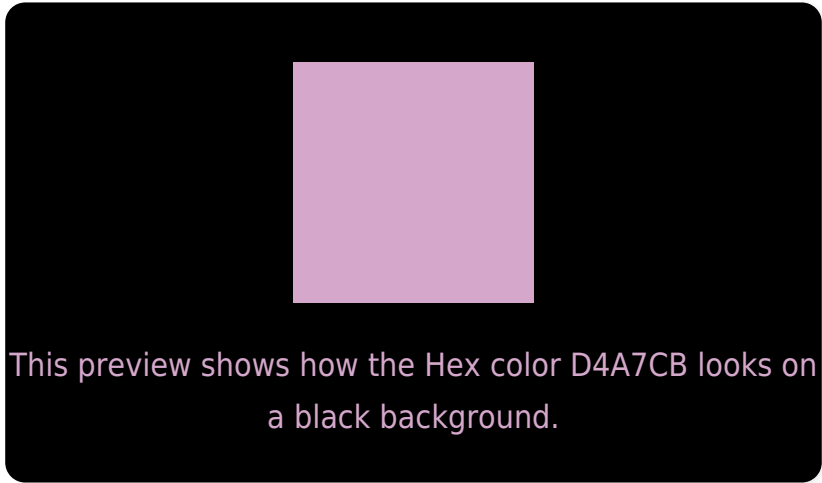
Large Text (above 18pt) WCAG AA × Fail

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

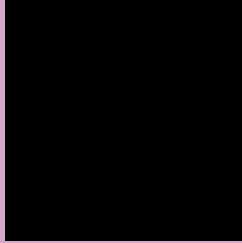
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D4A7CB Background



This preview shows how black text looks on a background with the Hex color D4A7CB.

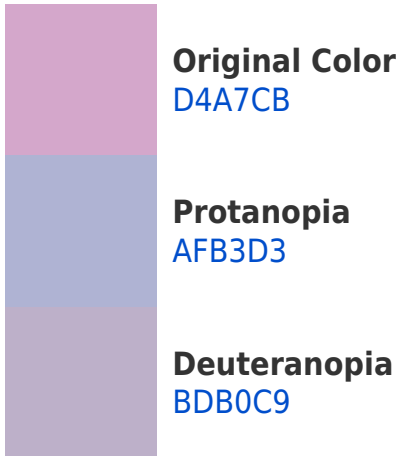


This preview shows how white text looks on a background with the Hex color D4A7CB.

# 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**  
D1AAB8

# Trichromacy



**Original Color**  
D4A7CB

**Protanomaly**  
BCAFD0

**Deuteranomaly**  
C5ADCA

**Tritanomaly**  
D2A9BF

# Monochromacy



**Original Color**  
D4A7CB

**Achromatopsia**  
B9B9B9

**Achromatomaly**  
C3B2C0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4A7CB 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 #D4A7CB looks like.

```
.text, #text, p{  
    color:#D4A7CB  
}
```

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 #D4A7CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4A7CB  
}
```

## Border

The CSS property to change the border of an element to Hex D4A7CB 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  
#D4A7CB }
```

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

```
.border{ border-color:#D4A7CB }
```

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

Here you see how a box with a 4 pixel #D4A7CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4A7CB; -webkit-box-shadow:4px 4px  
4px 4px #D4A7CB; box-shadow:4px 4px 4px  
4px #D4A7CB }
```

# Background

The CSS property to change the background color of an element to Hex D4A7CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4A7CB }
```

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

```
.background{ background-color:#D4A7CB }
```

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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