

# Converting Colors

Hex(D4C4DB)

Have a look what the booklet for  
Hex(D4C4DB) contains.

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# **Color**

**Hex(D4C4DB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D4C4DB
RGB	212, 196, 219
RGB Percent	83%, 77%, 86%
CMY	0.1686, 0.2314, 0.1412
CMYK	0.03, 0.11, 0.00, 0.14
HSL	282°, 24%, 81%
HSV	282°, 11%, 86%
XYZ	59.6775, 58.5914, 75.1818
YIQ	203.4060, 2.1530, 10.5450

# Conversions

## Conversions Part 2

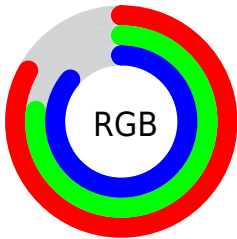
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	212, 196, 219
Decimal	13944027
CIE Lab	81.07, 9.76, -9.42
CIE LCh	81, 13.561, 316.022
Yxy	58.5914, 0.3085, 0.3029
Android (android.graphics.Color)	4292134107 (0xFFD4C4DB)
YUV	203.4060, 7.6878, 7.5369
Hunter-Lab	76.5450, 5.2118, -4.6526

# Details

The Hex color **D4C4DB** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CBD8C4**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFDFD**, and **9D8EA4** is the 20% darker color. If you saturate the color by 10%, you get **CDAEDB**, and if you desaturate by 10%, it is **DBDADB**.

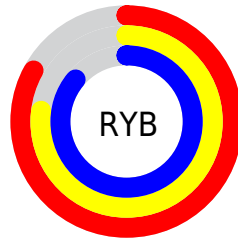
# Distribution



Red (83%)

Green (77%)

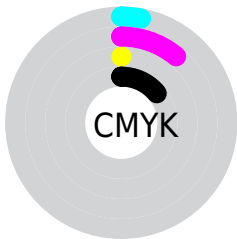
Blue (86%)



Red (83%)

Yellow (77%)

Blue (86%)

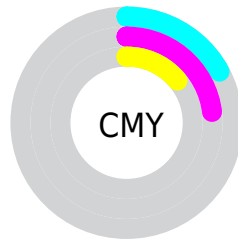


Cyan (3%)

Magenta (11%)

Yellow (0%)

Black (14%)



Cyan (17%)

Magenta (23%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4C4DB 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 D4C4DB by changing the saturation by 10% instead.



 D4C4DB

 D4C4DB

FFFFFF

 B8A9BF

 FFFDFD

 9D8EA4

 83758A

 6A5C70

 524558

 3B2E41

 25192A

 110016

 000000

 D4C4DB

 D4C4DB

 CDAEDB

 DBDADB

 C798DB

 E1F0DB

 C082DB

 E8FFDB

 B96CDB

 EFFFDB

 B357DB

 F5FFDB

 AC41DB

 FCFFDB

 A52BDB

 FFFFDB

 9F15DB

 9800DB

# Harmonies

## Analogous

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



C4C8E2



D4C4DB



E0C1D0

# Triad

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



D4C4DB



DAC6B1



AAD1D0

# Complementary

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



D4C4DB



CBDBC4

# 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.



B1D0C3



D4C4DB



CCCBB1

# Square

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



D4C4DB



E2C3B8



BECEB7



ABCFDB

# Rectangle

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



D4C4DB



E4C1C7



BECEB7



ABD1CB



# Sweetspot

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



D4C4DB



FDF7FF



C4CBDB



7E7A80



000000



808080



# Same Dimension

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



D4C4DB



F5DEFF



DBC4D7



6A636E



7900AD



20002E



# Inverse Universe

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



DBC4CB



FFDEE8



C4DBC8



6E6366



AD0035

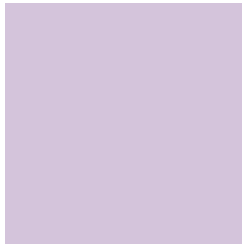


2E000E



# Previews

## White Background



This preview shows how the Hex color D4C4DB looks on a white background.

## Color Contrast Check

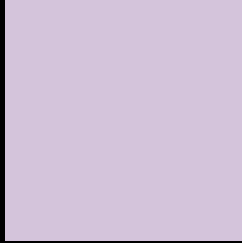
Large Text (above 18pt) WCAG AA × Fail

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 D4C4DB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

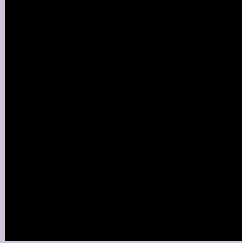
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D4C4DB Background



This preview shows how black text looks on a background with the Hex color D4C4DB.



This preview shows how white text looks on a background with the Hex color D4C4DB.

# 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



**Original Color**  
D4C4DB

**Protanopia**  
C7C8DD

**Deuteranopia**  
D5C4DB



**Tritanopia**  
D3C5D5

# Trichromacy



**Original Color**  
D4C4DB

**Protanomaly**  
CCC7DC

**Deuteranomaly**  
D5C4DB

**Tritanomaly**  
D3C5D7

# Monochromacy



**Original Color**  
D4C4DB

**Achromatopsia**  
CBCBCB

**Achromatomaly**  
CEC8D1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4C4DB 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 #D4C4DB looks like.

```
.text, #text, p{  
    color:#D4C4DB  
}
```

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 #D4C4DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4C4DB
}
```

## Border

The CSS property to change the border of an element to Hex D4C4DB 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
#D4C4DB }
```

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

```
.border{ border-color:#D4C4DB }
```

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

Here you see how a box with a 4 pixel #D4C4DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4C4DB; -webkit-box-shadow:4px 4px  
4px 4px #D4C4DB; box-shadow:4px 4px 4px  
4px #D4C4DB }
```

# Background

The CSS property to change the background color of an element to Hex D4C4DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4C4DB }
```

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

```
.background{ background-color:#D4C4DB }
```

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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