

# Converting Colors

Hex(D5BDD8)

Have a look what the booklet for  
Hex(D5BDDDB) contains.

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# **Color**

**Hex(D5BDDDB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5BDDB
RGB	213, 189, 219
RGB Percent	84%, 74%, 86%
CMY	0.1647, 0.2588, 0.1412
CMYK	0.03, 0.14, 0.00, 0.14
HSL	288°, 29%, 80%
HSV	288°, 14%, 86%
XYZ	58.4244, 55.6558, 74.6812
YIQ	199.5960, 4.6740, 14.4180

# Conversions

## Conversions Part 2

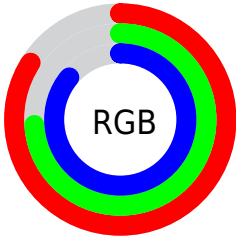
Format	Color
R <sub>Y</sub> B	213, 189, 219
Decimal	14007771
CIE Lab	79.42, 13.85, -11.87
CIE LCh	79, 18.236, 319.407
Yxy	55.6558, 0.3095, 0.2948
Android (android.graphics.Color)	4292197851 (0xFFD5BDD5)
YUV	199.5960, 9.5662, 11.7553
Hunter-Lab	74.6028, 9.2353, -7.1303

# Details

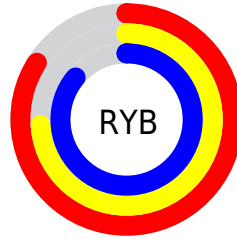
The Hex color **D5BDD8** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **C3DBBD**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFF5FF**, and **9E88A4** is the 20% darker color. If you saturate the color by 10%, you get **D1A7DB**, and if you desaturate by 10%, it is **D9D3DB**.

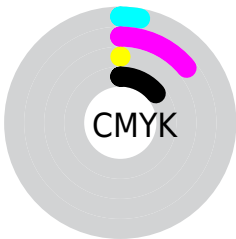
# Distribution



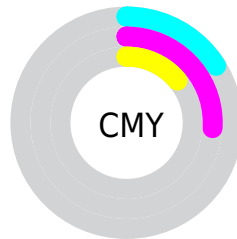
- Red (84%)
- Green (74%)
- Blue (86%)



- Red (84%)
- Yellow (74%)
- Blue (86%)



- Cyan (3%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)



- Cyan (16%)
- Magenta (26%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5BDDDB 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 D5BDDDB by changing the saturation by 10% instead.



 D5BDD8

FFFFFF

 FFF5FF

 D5BDD8

 B9A2BF

 9E88A4

 846E8A

 6B5670

 523E58

 3B2840

 25142A

 100016

 000000

 D5BDDB

 D5BDDB

 D1A7DB

 D9D3DB

 CC91DB

 DEE9DB

 C87BDB

 E2FFDB

 C365DB

 E7FFDB

 BF50DB

 EBFFDB

 BB3ADB

 EFFFDB

 B624DB

 F4FFDB

 B20EDB

 F8FFDB

 AF00DB

 FCFFDB

# Harmonies

## Analogous

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



C0C2E5



D5BDDB



E3BACB

# Triad

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



D5BDD8



D8C2A4



98CFCF

# Complementary

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



D5BDDB



C3DBBD

# 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.



A2CEBE



D5BDDB



C6C7A5

# Square

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



D5BDDB



E4BCAC



B3CCAE



9BCCDE

# Rectangle

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



D5BDDB



E8B9C0



B3CCAE



9ACFCA



# Sweetspot

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



D5BDDB



FDF5FF



BDC3DB



7E7980



000000



808080



# Same Dimension

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



D5BDDB



F7D6FF



DBBDD2



6B636E



8B00AD



25002E



# Inverse Universe

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



DBBDC3



FFD6DE



BDDBC6



6E6365



AD0023

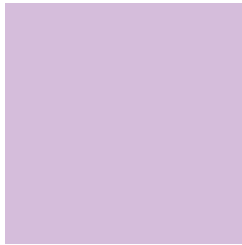


2E0009



# Previews

## White Background



This preview shows how the Hex color D5BDDDB looks on a white background.

## Color Contrast Check

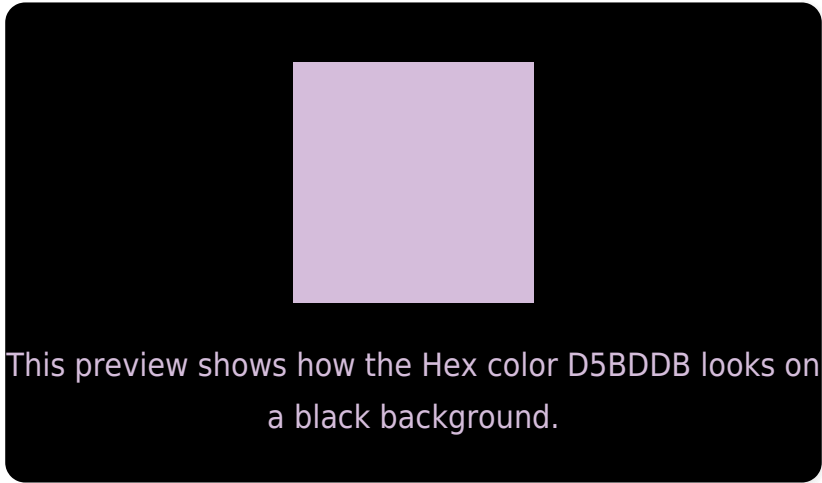
Large Text (above 18pt) WCAG AA × Fail

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 D5BDD8 Background



This preview shows how black text looks on a background with the Hex color D5BDD8.

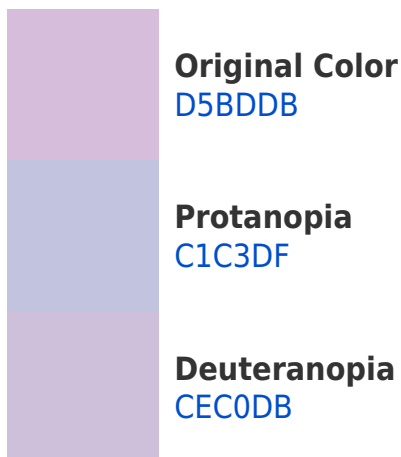


This preview shows how white text looks on a background with the Hex color D5BDD8.

# 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**  
D3BFCE

# Trichromacy



**Original Color**  
D5BDD8

**Protanomaly**  
C8C1DE

**Deuteranomaly**  
D1BFDB

**Tritanomaly**  
D4BED3

# Monochromacy



**Original Color**  
D5BDD8

**Achromatopsia**  
C8C8C8

**Achromatomaly**  
CDC4CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5BDDDB 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 #D5BDDDB looks like.

```
.text, #text, p{  
    color:#D5BDDDB  
}
```

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 #D5BDDDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5BDDDB
}
```

## Border

The CSS property to change the border of an element to Hex D5BDDDB 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
#D5BDDDB }
```

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

```
.border{ border-color:#D5BDDB }
```

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

Here you see how a box with a 4 pixel #D5BDDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5BDDB; -webkit-box-shadow:4px 4px  
4px 4px #D5BDDB; box-shadow:4px 4px 4px  
4px #D5BDDB }
```

# Background

The CSS property to change the background color of an element to Hex D5BDDDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5BDDDB }
```

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

```
.background{ background-color:#D5BDDDB }
```

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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