

# Converting Colors

Hex(D5BDDC)

Have a look what the booklet for  
Hex(D5BDDC) contains.

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# **Color**

**Hex(D5BDDC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D5BDDC
RGB	213, 189, 220
RGB Percent	84%, 74%, 86%
CMY	0.1647, 0.2588, 0.1373
CMYK	0.03, 0.14, 0.00, 0.14
HSL	286°, 31%, 80%
HSV	286°, 14%, 86%
XYZ	58.5564, 55.7086, 75.3767
YIQ	199.7100, 4.3530, 14.7290

# Conversions

## Conversions Part 2

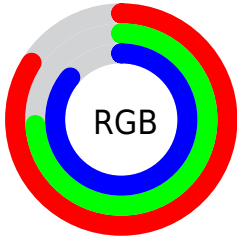
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 189, 220
Decimal	14007772
CIE <sub>Lab</sub>	79.45, 14.04, -12.36
CIE <sub>LCh</sub>	79, 18.704, 318.637
Yxy	55.7086, 0.3088, 0.2938
Android (android.graphics.Color)	4292197852 (0xFFD5BDDC)
YUV	199.7100, 10.0030, 11.6553
Hunter-Lab	74.6382, 9.4230, -7.6299

# Details

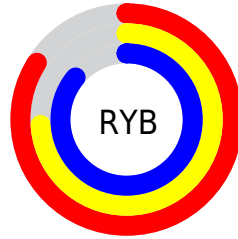
The Hex color **D5BDDC** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **C4DCBD**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFF5FF**, and **9E88A5** is the 20% darker color. If you saturate the color by 10%, you get **D0A7DC**, and if you desaturate by 10%, it is **DAD3DC**.

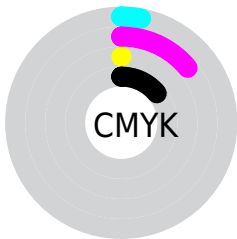
# Distribution



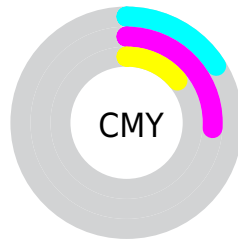
- Red (84%)
- Green (74%)
- Blue (86%)



- 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 D5BDDC 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 D5BDDC by changing the saturation by 10% instead.



 D5BDDC

FFFFFF

 FFF5FF

 D5BDDC

 B9A2C0

 9E88A5

 846E8B

 6B5671

 523E59

 3B2841

 25142B

 100017

 000000

 D5BDDC

 D5BDDC

 D0A7DC

 DAD3DC

 CB91DC

 DFE9DC

 C67BDC

 E4FFDC

 C165DC

 E9FFDC

 BC4FDC

 EEFFDC

 B739DC

 F3FFDC

 B223DC

 F8FFDC

 AD0DDC

 FDFFDC

 AA00DC

 FFFFDC

# Harmonies

## Analogous

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



C0C3E6



D5BDDC



E4B9CC

# Triad

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



D5BDDC



D9C1A3



97CFCF

# Complementary

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



D5BDDC



C4DCBD

# 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.



A1CFBD



D5BDDC



C7C7A4

# Square

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



D5BDDC



E5BCAB



B3CCAD



9ACDDE

# Rectangle

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



D5BDDC



E9B9C0



B3CCAD



99CFC9



# Sweetspot

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



D5BDDC



FDF5FF



BDC4DC



7E7980



000000



808080



# Same Dimension

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



D5BDDC



F5D4FF



DCBDD4



6B636E



8600AD



24002E



# Inverse Universe

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



DCBDC4



FFD4DD



BDDCC5



6E6365



AD0027

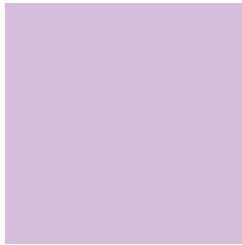


2E000A



# Previews

## White Background



This preview shows how the Hex color D5BDDC looks on a white background.

## Color Contrast Check

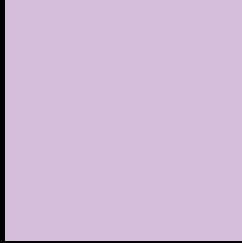
Large Text (above 18pt) WCAG AA × Fail

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 D5BDDC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

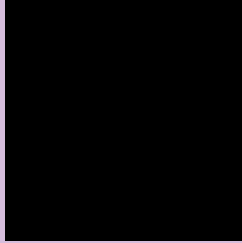
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D5BDDC Background



This preview shows how black text looks on a background with the Hex color D5BDDC.

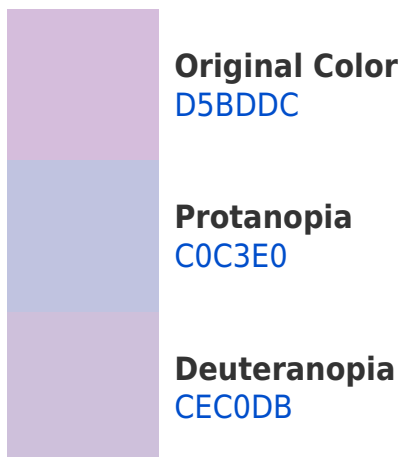


This preview shows how white text looks on a background with the Hex color D5BDDC.

# 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**  
D5BDDC

**Protanomaly**  
C8C1DF

**Deuteranomaly**  
D1BFDB

**Tritanomaly**  
D4BED3

# Monochromacy



**Original Color**  
D5BDDC

**Achromatopsia**  
C8C8C8

**Achromatomaly**  
CDC4CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5BDDC 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 #D5BDDC looks like.

```
.text, #text, p{  
    color:#D5BDDC  
}
```

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 #D5BDDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5BDDC
}
```

## Border

The CSS property to change the border of an element to Hex D5BDDC 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
#D5BDDC }
```

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

```
.border{ border-color:#D5BDDC }
```

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

Here you see how a box with a 4 pixel #D5BDDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5BDDC; -webkit-box-shadow:4px 4px  
4px 4px #D5BDDC; box-shadow:4px 4px 4px  
4px #D5BDDC }
```

# Background

The CSS property to change the background color of an element to Hex D5BDDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5BDDC }
```

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

```
.background{ background-color:#D5BDDC }
```

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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