

Converting Colors

Hex(D0B5DC)

Have a look what the booklet for
Hex(D0B5DC) contains.

Hex(D0B5DC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D0B5DC)

Conversions

Conversions Part 1

Format	Color
Hex	D0B5DC
RGB	208, 181, 220
RGB Percent	82%, 71%, 86%
CMY	0.1843, 0.2902, 0.1373
CMYK	0.05, 0.18, 0.00, 0.14
HSL	282°, 36%, 79%
HSV	282°, 18%, 86%
XYZ	55.4546, 51.6250, 74.7520
YIQ	193.5190, 3.5730, 17.8530

Conversions

Conversions Part 2

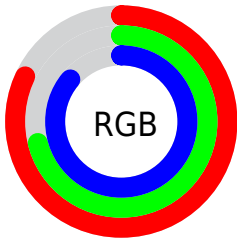
Format	Color
R_{YB}	208, 181, 220
Decimal	13678044
CIE _{Lab}	77.06, 16.70, -15.99
CIE _{LCh}	77, 23.121, 316.234
Yxy	51.6250, 0.3050, 0.2839
Android (android.graphics.Color)	4291868124 (0xFFD0B5DC)
YUV	193.5190, 13.0551, 12.6998
Hunter-Lab	71.8505, 12.0288, -11.3889

Details

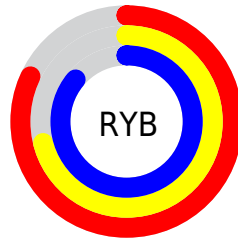
The Hex color **D0B5DC** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **C1DCB5**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFEDFF**, and **9980A5** is the 20% darker color. If you saturate the color by 10%, you get **C99FDC**, and if you desaturate by 10%, it is **D7CBDC**.

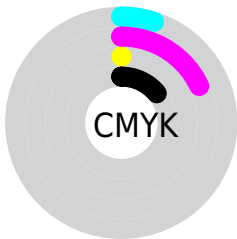
Distribution



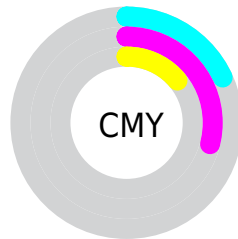
- Red (82%)
- Green (71%)
- Blue (86%)



- Red (82%)
- Yellow (71%)
- Blue (86%)



- Cyan (5%)
- Magenta (18%)
- Yellow (0%)
- Black (14%)



- Cyan (18%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0B5DC 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 D0B5DC by changing the saturation by 10% instead.

 D0B5DC

FFFFFF

 FFEDFF

 D0B5DC

 B49AC0

 9980A5

 7F678B

 664F71

 4E3859

 362241

 200D2B

 000016

 000000

 D0B5DC

 D0B5DC

 C99FDC

 D7CBDC

 C289DC

 DEE1DC

 BC73DC

 E4F7DC

 B55DDC

 EBFFDC

 AE47DC

 F2FFDC

 A731DC

 F9FFDC

 A11BDC

 FFFFDC

 9A05DC

 9800DC

Harmonies

Analogous

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



B5BCE7



D0B5DC



E3B0C9

Triad

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



D0B5DC



D8B995



84CAC9

Complementary

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



D0B5DC



C1DCB5

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.



93CAB3



D0B5DC



C2C195

Square

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



D0B5DC



E6B3A0



AAC6A0



86C8DC

Rectangle

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



D0B5DC



E9AFBA



AAC6A0



88CBC2

Sweetspot

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



D0B5DC



FBF2FF



B5C1DC



7D7880



000000



808080

Same Dimension

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



D0B5DC



EFC9FF



DCB5D5



6A636E



7800AD



20002E

Inverse Universe

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



DCB5C1



FFC9DA



B5DCBC



6E6366



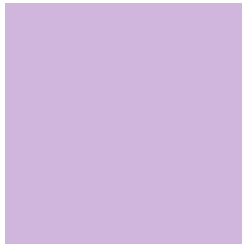
AD0035



2E000E

Previews

White Background



This preview shows how the Hex color D0B5DC looks on a white background.

Color Contrast Check

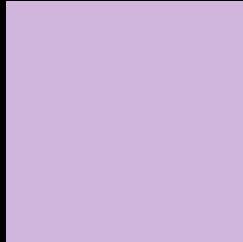
Large Text (above 18pt) WCAG AA × Fail

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 D0B5DC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

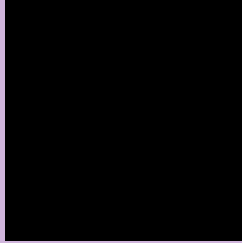
Any Text WCAG AA ✓ Pass

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 D0B5DC Background



This preview shows how black text looks on a background with the Hex color D0B5DC.

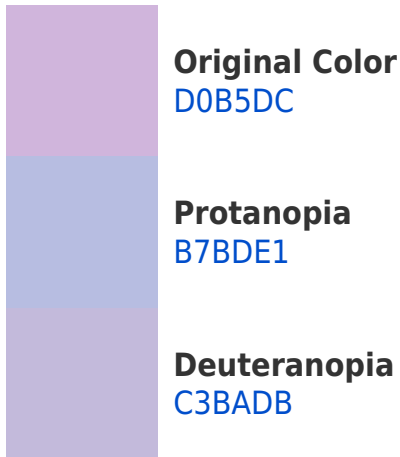


This preview shows how white text looks on a background with the Hex color D0B5DC.

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
CDB9C7

Trichromacy



Original Color
D0B5DC

Protanomaly
C0BADF

Deuteranomaly
C8B8DB

Tritanomaly
CEB8CF

Monochromacy



Original Color
D0B5DC

Achromatopsia
C2C2C2

Achromatomaly
C7BDCB

CSS Examples

Text

The CSS property to change the color of the text to Hex D0B5DC 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 #D0B5DC looks like.

```
.text, #text, p{  
    color:#D0B5DC  
}
```

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 #D0B5DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0B5DC  
}
```

Border

The CSS property to change the border of an element to Hex D0B5DC 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  
#D0B5DC }
```

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

```
.border{ border-color:#D0B5DC }
```

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

Here you see how a box with a 4 pixel #D0B5DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0B5DC; -webkit-box-shadow:4px 4px  
4px 4px #D0B5DC; box-shadow:4px 4px 4px  
4px #D0B5DC }
```

Background

The CSS property to change the background color of an element to Hex D0B5DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0B5DC }
```

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

```
.background{ background-color:#D0B5DC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor