

# Converting Colors

Hex(D0CBE2)

Have a look what the booklet for  
Hex(D0CBE2) contains.

<b>Hex(D0CBE2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D0CBE2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0CBE2
RGB	208, 203, 226
RGB Percent	82%, 80%, 89%
CMY	0.1843, 0.2039, 0.1137
CMYK	0.08, 0.10, 0.00, 0.11
HSL	253°, 28%, 84%
HSV	253°, 10%, 89%
XYZ	61.0958, 61.6128, 80.6239
YIQ	207.1170, -4.4030, 8.2130

# Conversions

## Conversions Part 2

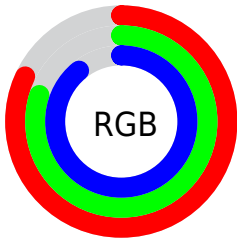
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 203, 226
Decimal	13683682
CIE <sub>Lab</sub>	82.71, 6.05, -10.75
CIE <sub>LCh</sub>	83, 12.340, 299.370
Yxy	61.6128, 0.3005, 0.3030
Android (android.graphics.Color)	4291873762 (0xFFD0CBE2)
YUV	207.1170, 9.3093, 0.7744
Hunter-Lab	78.4938, 1.5718, -5.9533

# Details

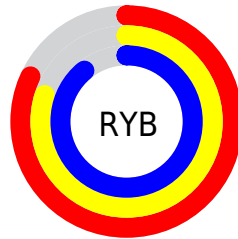
The Hex color **D0CBE2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DDE2CB**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFFFF**, and **9A95AB** is the 20% darker color. If you saturate the color by 10%, you get **BEB4E2**, and if you desaturate by 10%, it is **E2E2E2**.

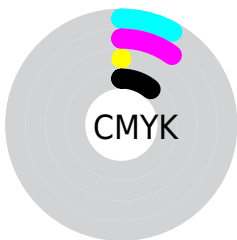
# Distribution



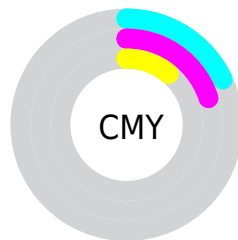
- Red (82%)
- Green (80%)
- Blue (89%)



- Red (82%)
- Yellow (80%)
- Blue (89%)



- Cyan (8%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (20%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0CBE2 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 D0CBE2 by changing the saturation by 10% instead.



■ D0CBE2

FFFFFF

■ D0CBE2

■ B4B0C6

■ 9A95AB

■ 807B90

■ 666277

■ 4E4B5E

■ 373446

■ 221F30

■ 0D061B

■ 000000

 D0CBE2

 D0CBE2

 BEB4E2

 E2E2E2

 AD9EE2

 F3F8E2

 9B87E2

 FFFFE2

 8971E2

 785AE2

 6643E2

 542DE2

 4316E2

 3100E2

# Harmonies

## Analogous

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



C1CFE5



D0CBE2



DDC8DA

# Triad

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



D0CBE2



E2C9BA



B4D5CD

# Complementary

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



D0CBE2



DDE2CB

# 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.



BED3C2



D0CBE2



D8CDB7

# Square

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



D0CBE2



E7C7C3



CBD1BA



B1D4D9

# Rectangle

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



D0CBE2



E3C6D2



CBD1BA



B7D5C9



# Sweetspot

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



D0CBE2



F9F7FF



CBDDE2



7C7A80



000000



808080



# Same Dimension

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



D0CBE2



E7E0FF



DBCBE2



676570



2600B0



0B0030



# Inverse Universe

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



E2CBDD



FFE0F8



D2E2CB



70656E



B0008A

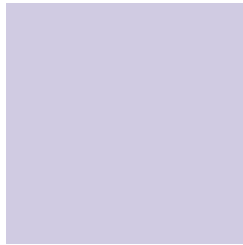


300026



# Previews

## White Background



This preview shows how the Hex color D0CBE2 looks on a white background.

## Color Contrast Check

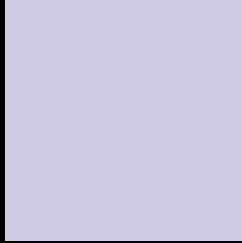
Large Text (above 18pt) WCAG AA × Fail

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 D0CBE2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

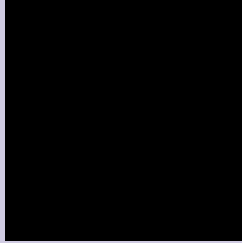
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D0CBE2 Background



This preview shows how black text looks on a background with the Hex color D0CBE2.



This preview shows how white text looks on a background with the Hex color D0CBE2.

# 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**  
D0CBE2

**Protanopia**  
CBCCE3

**Deuteranopia**  
D8C8E3



# Trichromacy



**Original Color**  
D0CBE2

**Protanomaly**  
CDCCE3

**Deuteranomaly**  
D5C9E3

**Tritanomaly**  
CFCCDE

# Monochromacy



**Original Color**  
D0CBE2

**Achromatopsia**  
CFCFCF

**Achromatomaly**  
CFCED6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0CBE2 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 #D0CBE2 looks like.

```
.text, #text, p{  
    color:#D0CBE2  
}
```

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 #D0CBE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0CBE2
}
```

## Border

The CSS property to change the border of an element to Hex D0CBE2 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
#D0CBE2 }
```

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

```
.border{ border-color:#D0CBE2 }
```

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

Here you see how a box with a 4 pixel #D0CBE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0CBE2; -webkit-box-shadow:4px 4px  
4px 4px #D0CBE2; box-shadow:4px 4px 4px  
4px #D0CBE2 }
```

# Background

The CSS property to change the background color of an element to Hex D0CBE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0CBE2 }
```

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

```
.background{ background-color:#D0CBE2 }
```

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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