

# Converting Colors

Hex(D0CCDC)

Have a look what the booklet for  
Hex(D0CCDC) contains.

<b>Hex(D0CCDC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(D0CCDC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0CCDC
RGB	208, 204, 220
RGB Percent	82%, 80%, 86%
CMY	0.1843, 0.2000, 0.1373
CMYK	0.05, 0.07, 0.00, 0.14
HSL	255°, 19%, 83%
HSV	255°, 7%, 86%
XYZ	60.5236, 61.7629, 76.4417
YIQ	207.0200, -2.7520, 5.8240

# Conversions

## Conversions Part 2

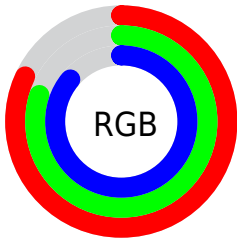
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 204, 220
Decimal	13683932
CIE <sub>Lab</sub>	82.79, 4.36, -7.43
CIE <sub>LCh</sub>	83, 8.614, 300.372
Yxy	61.7629, 0.3046, 0.3108
Android (android.graphics.Color)	4291874012 (0xFFD0CCDC)
YUV	207.0200, 6.3991, 0.8595
Hunter-Lab	78.5894, -0.0644, -2.6571

# Details

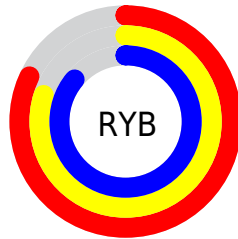
The Hex color **D0CCDC** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D8DCCC**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFFFF**, and **9A96A5** is the 20% darker color. If you saturate the color by 10%, you get **BFB6DC**, and if you desaturate by 10%, it is **E1E2DC**.

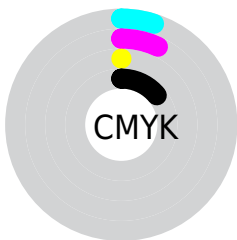
# Distribution



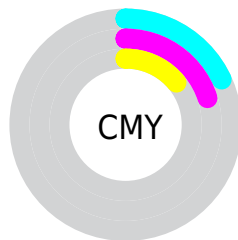
- Red (82%)
- Green (80%)
- Blue (86%)



- Red (82%)
- Yellow (80%)
- Blue (86%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (14%)



- Cyan (18%)
- Magenta (20%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0CCDC 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 D0CCDC by changing the saturation by 10% instead.



■ D0CCDC

FFFFFF

■ D0CCDC

■ B4B1C0

■ 9A96A5

■ 807C8B

■ 676371

■ 4F4B59

■ 383541

■ 22202B

■ 0D0717

■ 000000

 D0CCDC

 D0CCDC

 BFB6DC

 E1E2DC

 AFA0DC

 F1F8DC

 9E8ADC

 FFFFDC

 8E74DC

 7D5EDC

 6D48DC

 5C32DC

 4C1CDC

 3B06DC

# Harmonies

## Analogous

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



C6CFDE



D0CCDC



D9CAD6

# Triad

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



D0CCDC



DCCBC0



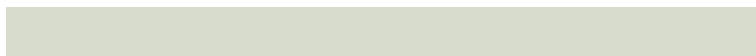
BCD3CE

# Complementary

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



D0CCDC



D8DCCC

# 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.



C3D2C6



D0CCDC



D5CEBE

# Square

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



D0CCDC



E0C9C6



CCD0C0



BAD3D6

# Rectangle

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



D0CCDC



DDC9D1



CCD0C0



BED3CB



# Sweetspot

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



D0CCDC



FBFAFF



CCD8DC



7E7D80



000000



808080



# Same Dimension

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



D0CCDC



EEE8FF



D8CCDC



65636E



2B00AD



0B002E



# Inverse Universe

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



DCCCD8



FFE8F9



D0DCCC



6E636B



AD0082



2E0022



# Previews

## White Background



This preview shows how the Hex color D0CCDC looks on a white background.

## Color Contrast Check

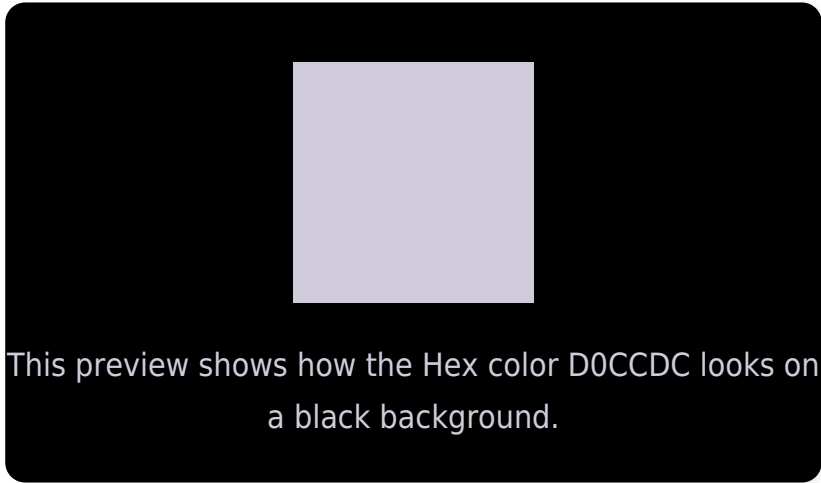
Large Text (above 18pt) WCAG AA × Fail

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

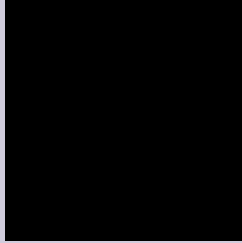
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

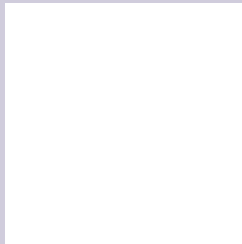
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D0CCDC Background



This preview shows how black text looks on a background with the Hex color D0CCDC.

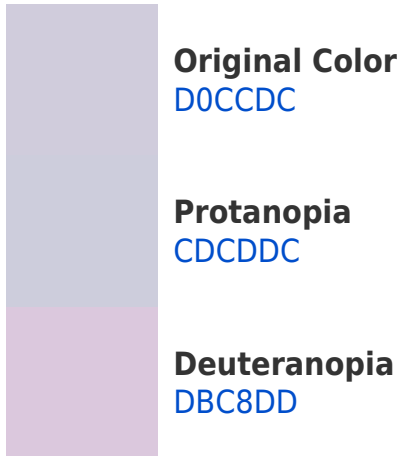


This preview shows how white text looks on a background with the Hex color D0CCDC.

# 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





# Trichromacy



**Original Color**  
D0CCDC

**Protanomaly**  
CECDDC

**Deuteranomaly**  
D7C9DD

**Tritanomaly**  
D0CCDC

# Monochromacy



**Original Color**  
D0CCDC

**Achromatopsia**  
CFCFCF

**Achromatomaly**  
CFCED4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0CCDC 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 #D0CCDC looks like.

```
.text, #text, p{  
    color:#D0CCDC  
}
```

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 #D0CCDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0CCDC
}
```

## Border

The CSS property to change the border of an element to Hex D0CCDC 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
#D0CCDC }
```

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

```
.border{ border-color:#D0CCDC }
```

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

Here you see how a box with a 4 pixel #D0CCDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0CCDC; -webkit-box-shadow:4px 4px  
4px 4px #D0CCDC; box-shadow:4px 4px 4px  
4px #D0CCDC }
```

# Background

The CSS property to change the background color of an element to Hex D0CCDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0CCDC }
```

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

```
.background{ background-color:#D0CCDC }
```

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