

# Converting Colors

Hex(D0CBE8)

Have a look what the booklet for  
Hex(D0CBE8) contains.

<b>Hex(D0CBE8)</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(D0CBE8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0CBE8
RGB	208, 203, 232
RGB Percent	82%, 80%, 91%
CMY	0.1843, 0.2039, 0.0902
CMYK	0.10, 0.13, 0.00, 0.09
HSL	250°, 39%, 85%
HSV	250°, 13%, 91%
XYZ	61.9338, 61.9480, 85.0368
YIQ	207.8010, -6.3290, 10.0790

# Conversions

## Conversions Part 2

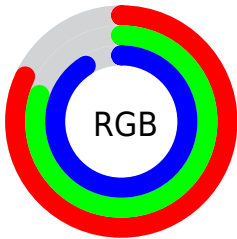
Format	Color
R <sub>Y</sub> B	208, 203, 232
Decimal	13683688
CIE Lab	82.89, 7.25, -13.69
CIE LCh	83, 15.488, 297.894
Yxy	61.9480, 0.2964, 0.2965
Android (android.graphics.Color)	4291873768 (0xFFD0CBE8)
YUV	207.8010, 11.9301, 0.1745
Hunter-Lab	78.7070, 2.7227, -8.9633

# Details

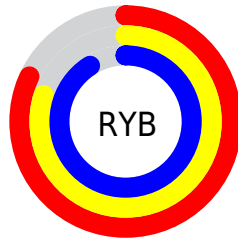
The Hex color **D0CBE8** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E3E8CB**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFFFF**, and **9A95B0** is the 20% darker color. If you saturate the color by 10%, you get **BDB4E8**, and if you desaturate by 10%, it is **E3E2E8**.

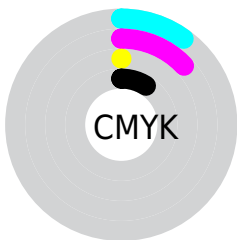
# Distribution



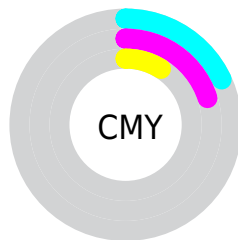
- Red (82%)
- Green (80%)
- Blue (91%)



- Red (82%)
- Yellow (80%)
- Blue (91%)



- Cyan (10%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (18%)
- Magenta (20%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0CB E8 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 D0CB E8 by changing the saturation by 10% instead.



 D0CBE8

FFFFFF

 D0CBE8

 B4B0CC

 9A95B0

 7F7B96

 66627C

 4E4B63

 37344B

 211F34

 0D061F

 000003

 D0CBE8

 D0CBE8

 BDB4E8

 E3E2E8

 AA9DE8

 F6F9E8

 9685E8

 FFFFE8

 836EE8

 7057E8

 5D40E8

 4A29E8

 3611E8

 2800E8

# Harmonies

## Analogous

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



BDD0EB



D0CBE8



E1C7DE

# Triad

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



D0CBE8



E8C8B6



AED7CD

# Complementary

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



D0CBE8



E3E8CB

# 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.



BBD5BF



DOCBE8



DBCDB2

# Square

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



D0CBE8



EDC5C1



CBD2B5



A9D7DB

# Rectangle

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



D0CBE8



E8C5D5



CBD2B5



B1D7C8



# Sweetspot

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



D0CBE8



F7F5FF



CBE3E8



7A7980



000000



808080



# Same Dimension

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



D0CBE8



DFD9FF



DECBE8



696773



1F00B3



090033



# Inverse Universe

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



E8CBE3



FFD9F8



D5E8CB



736771



B30094



33002A



# Previews

## White Background



This preview shows how the Hex color D0CBE8 looks on a white background.

## Color Contrast Check

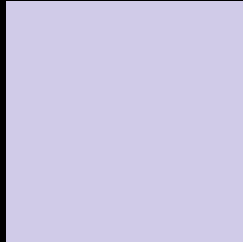
Large Text (above 18pt) WCAG AA × Fail

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 D0CBE8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

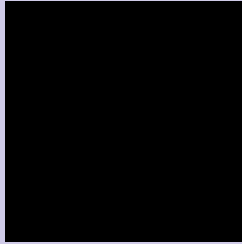
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D0CBE8 Background



This preview shows how black text looks on a background with the Hex color D0CBE8.



This preview shows how white text looks on a background with the Hex color D0CBE8.

# 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**  
D0CBE8

**Protanopia**  
CACDE9

**Deuteranopia**  
D6C9E8



# Trichromacy



**Original Color**  
D0CBE8

**Protanomaly**  
CCCCE9

**Deuteranomaly**  
D4CAE8

**Tritanomaly**  
CFCCE1

# Monochromacy



**Original Color**  
D0CBE8

**Achromatopsia**  
D0D0D0

**Achromatomaly**  
D0CED9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0CBE8 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 #D0CBE8 looks like.

```
.text, #text, p{  
    color:#D0CBE8  
}
```

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 #D0CBE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0CBE8  
}
```

## Border

The CSS property to change the border of an element to Hex D0CBE8 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  
#D0CBE8 }
```

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

```
.border{ border-color:#D0CBE8 }
```

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

Here you see how a box with a 4 pixel #D0CBE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0CBE8; -webkit-box-shadow:4px 4px  
4px 4px #D0CBE8; box-shadow:4px 4px 4px  
4px #D0CBE8 }
```

# Background

The CSS property to change the background color of an element to Hex D0CBE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0CBE8 }
```

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

```
.background{ background-color:#D0CBE8 }
```

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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