

# Converting Colors

Hex(D7CCF0)

Have a look what the booklet for  
Hex(D7CCF0) contains.

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# **Color**

**Hex(D7CCF0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D7CCF0
RGB	215, 204, 240
RGB Percent	84%, 80%, 94%
CMY	0.1569, 0.2000, 0.0588
CMYK	0.10, 0.15, 0.00, 0.06
HSL	258°, 55%, 87%
HSV	258°, 15%, 94%
XYZ	65.3454, 63.9241, 91.3326
YIQ	211.3930, -5.0000, 13.5280

# Conversions

## Conversions Part 2

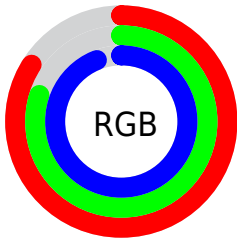
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	215, 204, 240
Decimal	14142704
CIE <sub>Lab</sub>	83.93, 10.58, -16.33
CIE <sub>LCh</sub>	84, 19.459, 302.931
Yxy	63.9241, 0.2962, 0.2898
Android (android.graphics.Color)	4292332784 (0xFFD7CCF0)
YUV	211.3930, 14.1033, 3.1633
Hunter-Lab	79.9525, 5.9715, -11.7623

# Details

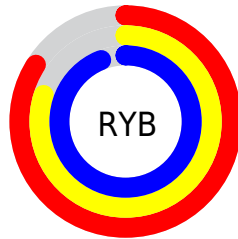
The Hex color **D7CCF0** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E5F0CC**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFFFF**, and **A096B8** is the 20% darker color. If you saturate the color by 10%, you get **C6B4F0**, and if you desaturate by 10%, it is **E8E4F0**.

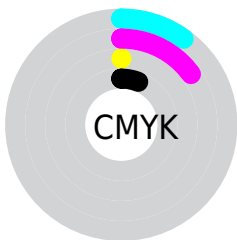
# Distribution



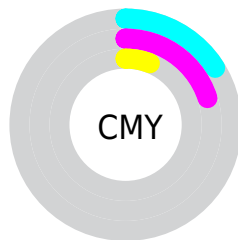
- Red (84%)
- Green (80%)
- Blue (94%)



- Red (84%)
- Yellow (80%)
- Blue (94%)



- Cyan (10%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)



- Cyan (16%)
- Magenta (20%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7CCF0 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 D7CCF0 by changing the saturation by 10% instead.



 D7CCF0

FFFFFF

 D7CCF0

 BBB1D4

 A096B8

 867C9D

 6C6383

 544B6A

 3C3551

 261F3A

 120825

 00010E

 D7CCF0

 D7CCF0

 C6B4F0

 E8E4F0

 B69CF0

 F8FCF0

 A584F0

 FFFFF0

 946CF0

 8454F0

 733CF0

 6224F0

 520CF0

 4900F0

# Harmonies

## Analogous

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



BFD2F6



D7CCF0



EBC7E2

# Triad

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



D7CCF0



EECBB1



A5DCD2

# Complementary

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



D7CCF0



E5F0CC

# 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.



B5DAC0



D7CCF0



DED1AD

# Square

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



D7CCF0



F7C6BE



C9D6B2



A1DBE4

# Rectangle

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



D7CCF0



F4C5D6



C9D6B2



AADCCC



# Sweetspot

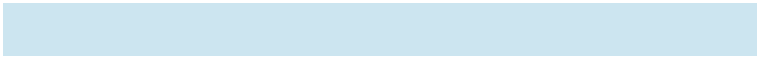
The Sweet Spot groups the original color and five complimentary colors.



D7CCF0



F6F2FF



CCE5F0



7A7880



000000



808080



# Same Dimension

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



D7CCF0



DFD1FF



E9CCF0



706C78



3800B8



110038



# Inverse Universe

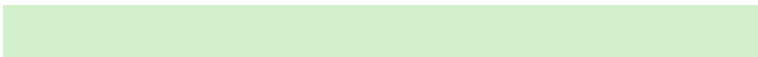
The Inverse Universe completely reimagines the original color for something new.



F0CCE5



FFD1F1



D3F0CC



786C74



B80080

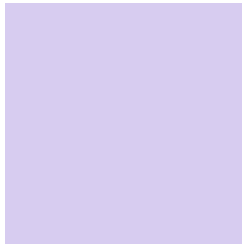


380027



# Previews

## White Background



This preview shows how the Hex color D7CCF0 looks on a white background.

## Color Contrast Check

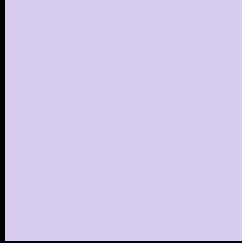
Large Text (above 18pt) WCAG AA × Fail

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 D7CCF0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

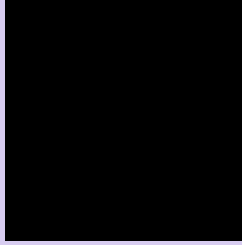
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D7CCF0 Background



This preview shows how black text looks on a background with the Hex color D7CCF0.



This preview shows how white text looks on a background with the Hex color D7CCF0.

# 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**  
D4CFDF

# Trichromacy



**Original Color**  
D7CCF0

**Protanomaly**  
CFCFF1

**Deuteranomaly**  
D7CCF0

**Tritanomaly**  
D5CEE5

# Monochromacy



**Original Color**  
D7CCF0

**Achromatopsia**  
D3D3D3

**Achromatomaly**  
D4D0DE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7CCF0 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 #D7CCF0 looks like.

```
.text, #text, p{  
    color:#D7CCF0  
}
```

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 #D7CCF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7CCF0
}
```

## Border

The CSS property to change the border of an element to Hex D7CCF0 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
#D7CCF0 }
```

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

```
.border{ border-color:#D7CCF0 }
```

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

Here you see how a box with a 4 pixel #D7CCF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7CCF0; -webkit-box-shadow:4px 4px  
4px 4px #D7CCF0; box-shadow:4px 4px 4px  
4px #D7CCF0 }
```

# Background

The CSS property to change the background color of an element to Hex D7CCF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7CCF0 }
```

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

```
.background{ background-color:#D7CCF0 }
```

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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