

# Converting Colors

Hex(D7CCFF)

Have a look what the booklet for  
Hex(D7CCFF) contains.

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# **Color**

**Hex(D7CCFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7CCFF
RGB	215, 204, 255
RGB Percent	84%, 80%, 100%
CMY	0.1569, 0.2000, 0.0000
CMYK	0.16, 0.20, 0.00, 0.00
HSL	253°, 100%, 90%
HSV	253°, 20%, 100%
XYZ	67.6672, 64.8528, 103.5591
YIQ	213.1030, -9.8150, 18.1930

# Conversions

## Conversions Part 2

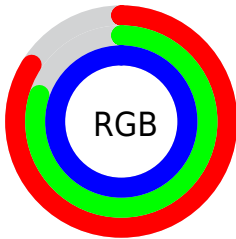
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 204, 255
Decimal	14142719
CIE <sub>Lab</sub>	84.41, 13.67, -23.57
CIE <sub>LCh</sub>	84, 27.245, 300.111
Yxy	64.8528, 0.2866, 0.2747
Android (android.graphics.Color)	4292332799 (0xFFD7CCFF)
YUV	213.1030, 20.6552, 1.6637
Hunter-Lab	80.5312, 9.0568, -19.8721

# Details

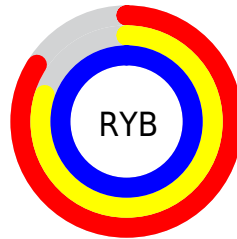
The Hex color **D7CCFF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F4FFCC**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFFFF**, and **A096C6** is the 20% darker color. If you saturate the color by 10%, you get **C3B3FF**, and if you desaturate by 10%, it is **EBE6FF**.

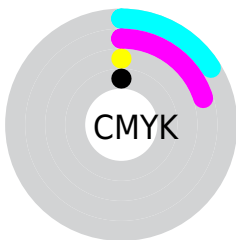
# Distribution



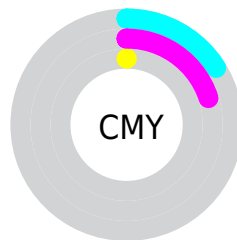
- Red (84%)
- Green (80%)
- Blue (100%)



- Red (84%)
- Yellow (80%)
- Blue (100%)



- Cyan (16%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (20%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7CCFF 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 D7CCFF by changing the saturation by 10% instead.



 D7CCFF

FFFFFF

 D7CCFF

 BBB1E2

 A096C6

 857CAB

 6C6390

 534B76

 3B355E

 241F46

 0E082F

 00011A

 D7CCFF

 D7CCFF

 C3B3FF

 EBE6FF

 AF99FF

FFFFFF

 9B80FF

 8766FF

 734DFF

 5F33FF

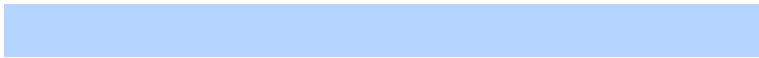
 4B19FF

 3700FF

# Harmonies

## Analogous

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



B4D5FF



D7CCFF



F4C4ED

# Triad

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



D7CCFF



FBC8A7



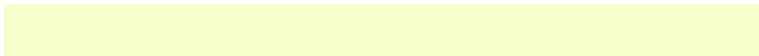
94E1D2

# Complementary

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



D7CCFF



F4FFCC

# 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.



ADDFB8



D7CCFF



E6D19F

# Square

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



D7CCFF



FFC2BA



CAD9A6



89E0EB

# Rectangle

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



D7CCFF



FFC1DC



CAD9A6



9BE1C9



# Sweetspot

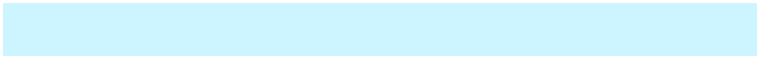
The Sweet Spot groups the original color and five complimentary colors.



D7CCFF



F3F0FF



CCF5FF



797780



000000



808080



# Same Dimension

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



D7CCFF



CFC2FF



F0CCFF



767380



2900BF



0E0040



# Inverse Universe

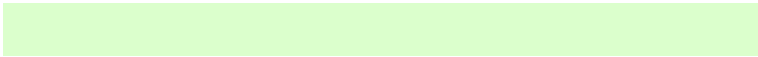
The Inverse Universe completely reimagines the original color for something new.



FFCCF4



FFC2F2



DBFFCC



80737D



BF0096



400032



# Previews

## White Background



This preview shows how the Hex color D7CCFF looks on a white background.

## Color Contrast Check

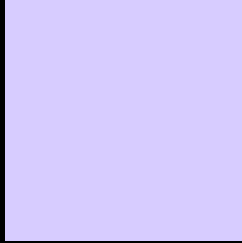
Large Text (above 18pt) WCAG AA × Fail

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 D7CCFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

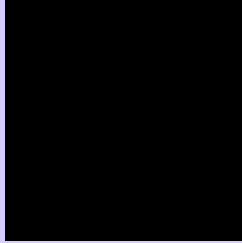
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D7CCFF Background



This preview shows how black text looks on a background with the Hex color D7CCFF.

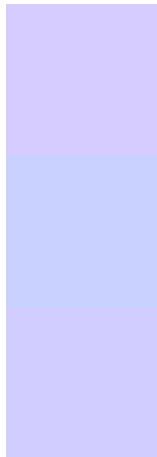


This preview shows how white text looks on a background with the Hex color D7CCFF.

# 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**  
D7CCFF

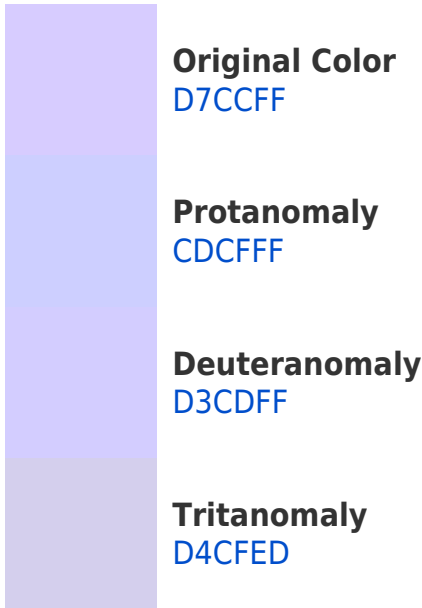
**Protanopia**  
C8D1FF

**Deuteranopia**  
D1CEFF

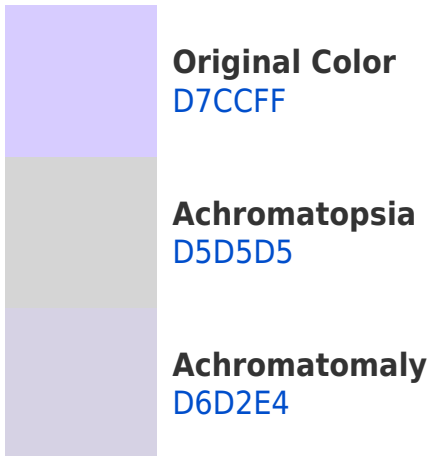


**Tritanopia**  
D2D1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7CCFF 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 #D7CCFF looks like.

```
.text, #text, p{  
    color:#D7CCFF  
}
```

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 #D7CCFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7CCFF
}
```

## Border

The CSS property to change the border of an element to Hex D7CCFF 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
#D7CCFF }
```

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

```
.border{ border-color:#D7CCFF }
```

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

Here you see how a box with a 4 pixel #D7CCFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7CCFF; -webkit-box-shadow:4px 4px  
4px 4px #D7CCFF; box-shadow:4px 4px 4px  
4px #D7CCFF }
```

# Background

The CSS property to change the background color of an element to Hex D7CCFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7CCFF }
```

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

```
.background{ background-color:#D7CCFF }
```

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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