

# Converting Colors

Hex(D4CEFF)

Have a look what the booklet for  
Hex(D4CEFF) contains.

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# **Color**

**Hex(D4CEFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4CEFF
RGB	212, 206, 255
RGB Percent	83%, 81%, 100%
CMY	0.1686, 0.1922, 0.0000
CMYK	0.17, 0.19, 0.00, 0.00
HSL	247°, 100%, 90%
HSV	247°, 19%, 100%
XYZ	67.2727, 65.3597, 103.6778
YIQ	213.3800, -12.1530, 16.5110

# Conversions

## Conversions Part 2

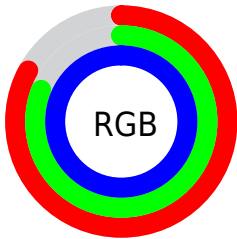
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	212, 206, 255
Decimal	13946623
CIE Lab	84.67, 11.67, -23.19
CIE LCh	85, 25.966, 296.718
Yxy	65.3597, 0.2847, 0.2766
Android (android.graphics.Color)	4292136703 (0xFFD4CEFF)
YUV	213.3800, 20.5187, -1.2103
Hunter-Lab	80.8453, 7.0534, -19.4430

# Details

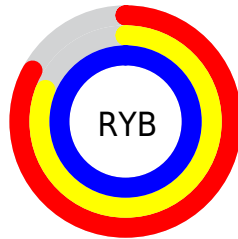
The Hex color **D4CEFF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F9FFCE**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFFFF**, and **9D98C6** is the 20% darker color. If you saturate the color by 10%, you get **BEB4FF**, and if you desaturate by 10%, it is **EAE8FF**.

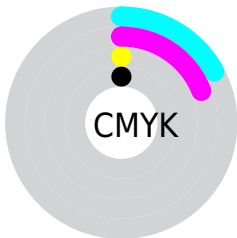
# Distribution



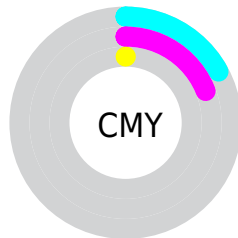
- Red (83%)
- Green (81%)
- Blue (100%)



- Red (83%)
- Yellow (81%)
- Blue (100%)



- Cyan (17%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (19%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4CEFF 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 D4CEFF by changing the saturation by 10% instead.



 D4CEFF

FFFFFF

 D4CEFF

 B8B3E2

 9D98C6

 827EAB

 696590

 504D76

 38365E

 212146

 0B0B2F

 00011A

 D4CEFF

 D4CEFF

 BEB4FF

 EAE8FF

 A79BFF

FFFFFF

 9182FF

 7A68FF

 644FFF

 4E35FF

 371BFF

 2102FF

 1F00FF

# Harmonies

## Analogous

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



B3D6FF



D4CEFF



F1C6EF

# Triad

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



D4CEFF



FCC9AB



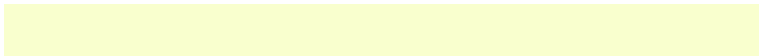
9AE1D0

# Complementary

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



D4CEFF



F9FFCE

# 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.



**B2DEB8**



**D4CEFF**



**E8D1A3**

# Square

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



D4CEFF



FFC3BE



CED9A7



8EE1E8

# Rectangle

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



D4CEFF



FEC3DF



CED9A7



A1E1C7



# Sweetspot

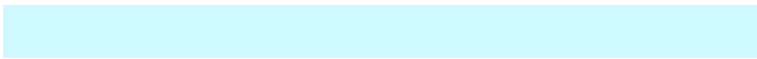
The Sweet Spot groups the original color and five complimentary colors.



D4CEFF



F2F0FF



CEF9FF



787780



000000



808080



# Same Dimension

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



D4CEFF



CCC4FF



ECCEFF



747380



1700BF



080040



# Inverse Universe

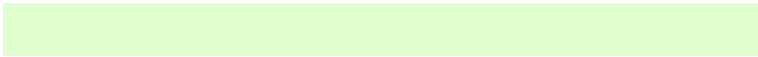
The Inverse Universe completely reimagines the original color for something new.



FFCEF9



FFC4F8



E1FFCE



80737E



BF00A8

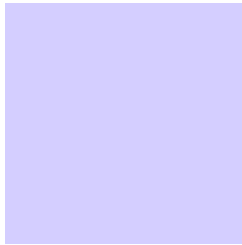


400038



# Previews

## White Background



This preview shows how the Hex color D4CEFF looks on a white background.

## Color Contrast Check

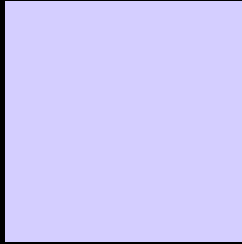
Large Text (above 18pt) WCAG AA × Fail

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 D4CEFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

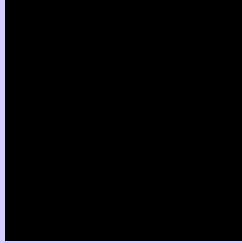
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D4CEFF Background



This preview shows how black text looks on a background with the Hex color D4CEFF.

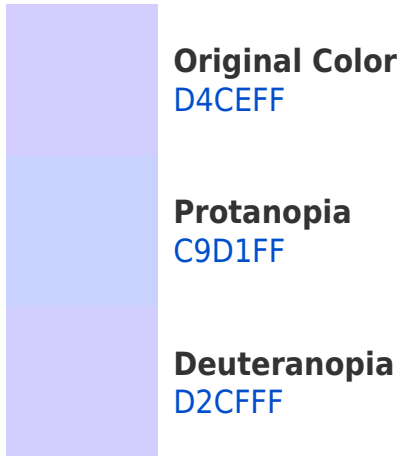


This preview shows how white text looks on a background with the Hex color D4CEFF.

# Color Blindness Simulation

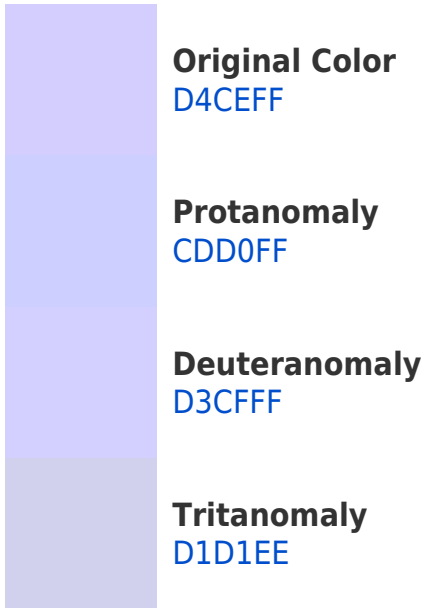
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

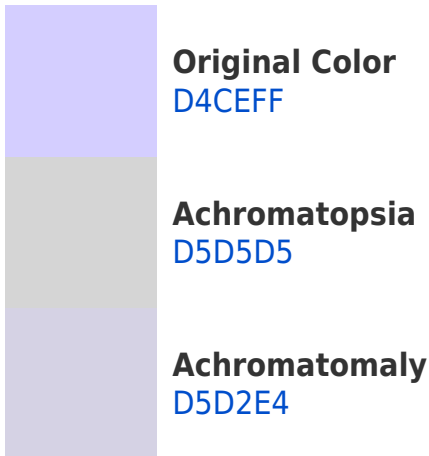




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4CEFF 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 #D4CEFF looks like.

```
.text, #text, p{  
    color:#D4CEFF  
}
```

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 #D4CEFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4CEFF
}
```

## Border

The CSS property to change the border of an element to Hex D4CEFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

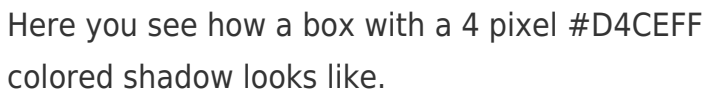
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D4CEFF }
```

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

```
.border{ border-color:#D4CEFF }
```

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



Here you see how a box with a 4 pixel `#D4CEFF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4CEFF; -webkit-box-shadow:4px 4px  
4px 4px #D4CEFF; box-shadow:4px 4px 4px  
4px #D4CEFF }
```

# Background

The CSS property to change the background color of an element to Hex D4CEFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4CEFF }
```

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

```
.background{ background-color:#D4CEFF }
```

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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