

Converting Colors

Hex(D1CAFF)

Have a look what the booklet for
Hex(D1CAFF) contains.

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Color

Hex(D1CAFF)

Conversions

Conversions Part 1

Format	Color
Hex	D1CAFF
RGB	209, 202, 255
RGB Percent	82%, 79%, 100%
CMY	0.1804, 0.2078, 0.0000
CMYK	0.18, 0.21, 0.00, 0.00
HSL	248°, 100%, 90%
HSV	248°, 21%, 100%
XYZ	65.4650, 63.0164, 103.3207
YIQ	210.1350, -12.8410, 17.9670

Conversions

Conversions Part 2

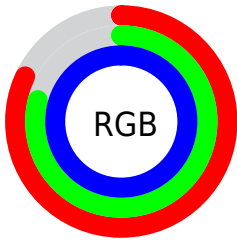
Format	Color
R _{YB}	209, 202, 255
Decimal	13748991
CIE _{Lab}	83.45, 12.90, -25.07
CIE _{LCh}	83, 28.190, 297.224
Y _{xy}	63.0164, 0.2824, 0.2719
Android (android.graphics.Color)	4291939071 (0xFFD1CAFF)
Y _{UV}	210.1350, 22.1184, -0.9954
Hunter-Lab	79.3829, 8.2844, -21.6009

Details

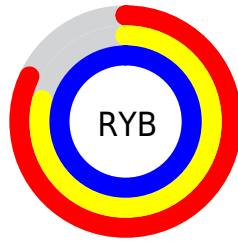
The Hex color **D1CAFF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F8FFCA**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFFFF**, and **9A94C6** is the 20% darker color. If you saturate the color by 10%, you get **BBB1FF**, and if you desaturate by 10%, it is **E7E3FF**.

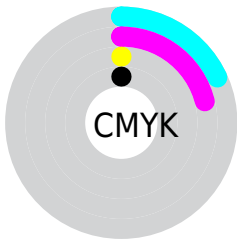
Distribution



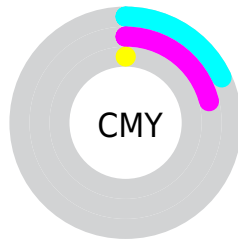
- Red (82%)
- Green (79%)
- Blue (100%)



- Red (82%)
- Yellow (79%)
- Blue (100%)



- Cyan (18%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color D1CAFF 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 D1CAFF by changing the saturation by 10% instead.

 D1CAFF

FFFFFF

 D1CAFF

 B5AFE2

 9A94C6


 807AAB

 666190

 4D4A76

 35335D

 1D1E46

 08062F

 00011A

 D1CAFF

 D1CAFF

 BBB1FF

 E7E3FF

 A597FF

 FDFDFF

 8F7DFF

 FFFFFFFF

 7864FF

 624BFF

 4C31FF

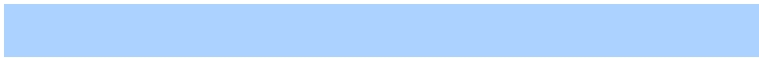
 3618FF

 2200FF

Harmonies

Analogous

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



ACD3FF



D1CAFF



F0C2ED

Triad

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



D1CAFF



FBC5A4



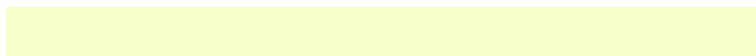
90DFCC

Complementary

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



D1CAFF



F8FFCA

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.



ABDCB2



D1CAFF



E6CD9B

Square

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



D1CAFF



FFBEB9



CAD6A0



83DEE7

Rectangle

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



D1CAFF



FEBEDC



CAD6A0



98DEC3

Sweetspot

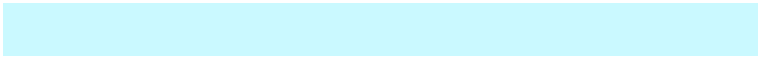
The Sweet Spot groups the original color and five complimentary colors.



D1CAFF



F2F0FF



CAF9FF



787780



000000



808080

Same Dimension

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



D1CAFF



C8BFFF



EBCAFF



747380



1900BF



080040

Inverse Universe

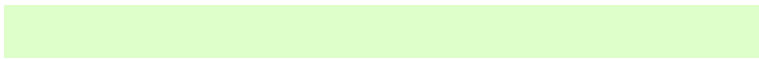
The Inverse Universe completely reimagines the original color for something new.



FFCAF8



FFBFF7



DEFFCA



80737E



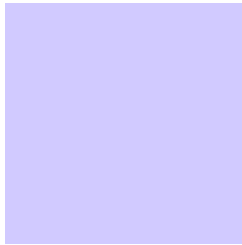
BF00A6



400037

Previews

White Background



This preview shows how the Hex color D1CAFF looks on a white background.

Color Contrast Check

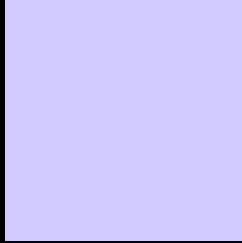
Large Text (above 18pt) WCAG AA × Fail

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 D1CAFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

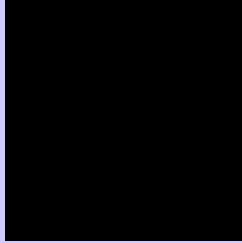
Any Text WCAG AA ✓ Pass

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 D1CAFF Background



This preview shows how black text looks on a background with the Hex color D1CAFF.

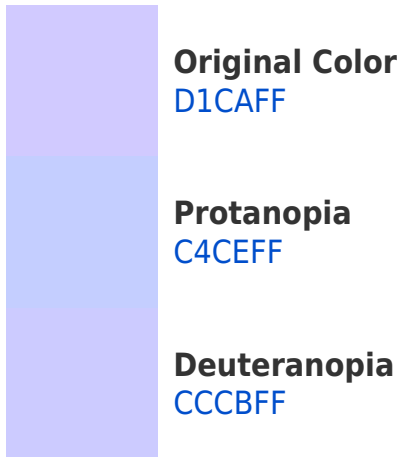


This preview shows how white text looks on a background with the Hex color D1CAFF.

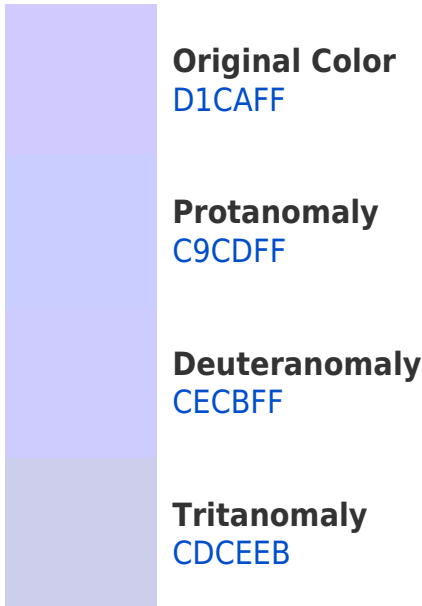
Color Blindness Simulation

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](#).

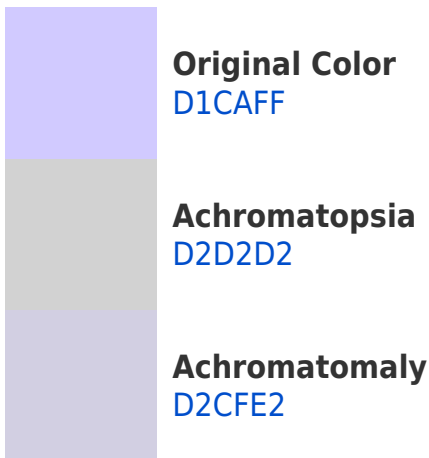
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D1CAFF 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 #D1CAFF looks like.

```
.text, #text, p{  
    color:#D1CAFF  
}
```

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 #D1CAFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1CAFF
}
```

Border

The CSS property to change the border of an element to Hex D1CAFF 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
#D1CAFF }
```

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

```
.border{ border-color:#D1CAFF }
```

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

Here you see how a box with a 4 pixel #D1CAFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1CAFF; -webkit-box-shadow:4px 4px  
4px 4px #D1CAFF; box-shadow:4px 4px 4px  
4px #D1CAFF }
```

Background

The CSS property to change the background color of an element to Hex D1CAFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1CAFF }
```

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

```
.background{ background-color:#D1CAFF }
```

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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