

# Converting Colors

Hex(D0D7FF)

Have a look what the booklet for  
Hex(D0D7FF) contains.

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# **Color**

**Hex(D0D7FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0D7FF
RGB	208, 215, 255
RGB Percent	82%, 84%, 100%
CMY	0.1843, 0.1569, 0.0000
CMYK	0.18, 0.16, 0.00, 0.00
HSL	231°, 100%, 91%
HSV	231°, 18%, 100%
XYZ	68.3629, 69.2308, 104.3675
YIQ	217.4670, -17.0120, 10.9560

# Conversions

## Conversions Part 2

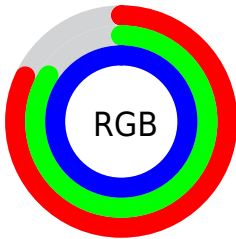
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	208, 214, 255
Decimal	13686783
CIE Lab	86.62, 5.67, -20.27
CIE LCh	87, 21.045, 285.618
Yxy	69.2308, 0.2825, 0.2861
Android (android.graphics.Color)	4291876863 (0xFFD0D7FF)
YUV	217.4670, 18.5038, -8.3026
Hunter-Lab	83.2050, 1.0502, -16.1264

# Details

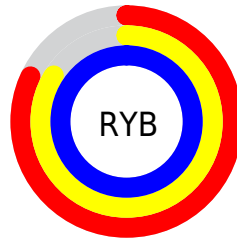
The Hex color **D0D7FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FFF8D0**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFFF**, and **99A0C6** is the 20% darker color. If you saturate the color by 10%, you get **B6C1FF**, and if you desaturate by 10%, it is **EAEDFF**.

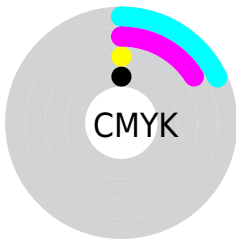
# Distribution



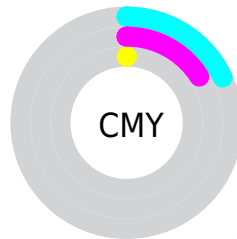
- Red (82%)
- Green (84%)
- Blue (100%)



- Red (82%)
- Yellow (84%)
- Blue (100%)



- Cyan (18%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (16%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0D7FF 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 D0D7FF by changing the saturation by 10% instead.



 D0D7FF

 D0D7FF

FFFFFF

 B4BBE2

 99A0C6

 7F86AB

 656D90

 4D5577

 353E5E

 1D2846

 05142F

 00011B

 D0D7FF

 D0D7FF

 B6C1FF


 EAEDFF

 9DACFF

FFFFFF

 8496FF

 6A80FF

 516AFF

 3755FF

 1D3FFF

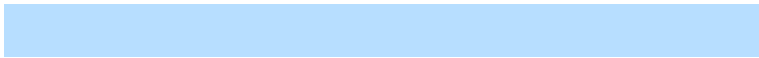
 0429FF

 0026FF

# Harmonies

## Analogous

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



B7DEFF



D0D7FF



E9D0F5

# Triad

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



D0D7FF



FFCEBD



B2E4CE

# Complementary

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



D0D7FF



FFF8D0

# 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.



C7E0BC



D0D7FF



F2D4B3

# Square

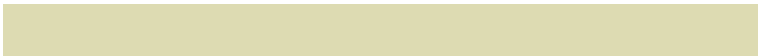
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D0D7FF



FFCBCF



DDDBB2



A5E4E3

# Rectangle

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



D0D7FF



F6CDEA



DDDBB2



B8E3C8



# Sweetspot

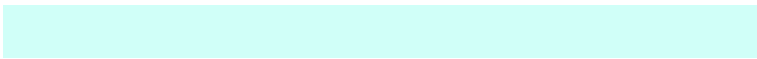
The Sweet Spot groups the original color and five complimentary colors.



D0D7FF



F0F2FF



D0FFF8



777880



000000



808080



# Same Dimension

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



D0D7FF



C7CFFF



E0D0FF



737580



001CBF



000940



# Inverse Universe

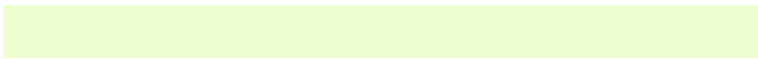
The Inverse Universe completely reimagines the original color for something new.



FFD0D7



FFC7CF



EFFFD0



807375



BF001C



400009



# Previews

## White Background



This preview shows how the Hex color D0D7FF looks on a white background.

## Color Contrast Check

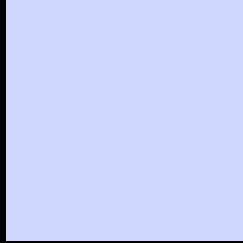
Large Text (above 18pt) WCAG AA × Fail

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 D0D7FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

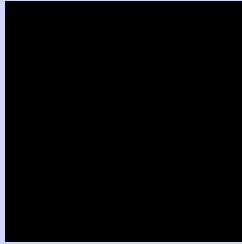
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D0D7FF Background



This preview shows how black text looks on a background with the Hex color D0D7FF.

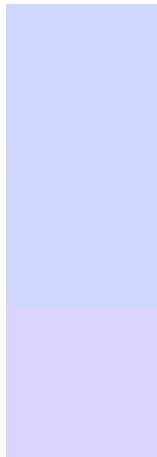


This preview shows how white text looks on a background with the Hex color D0D7FF.

# 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**  
D0D7FF

**Protanopia**  
D1D7FF

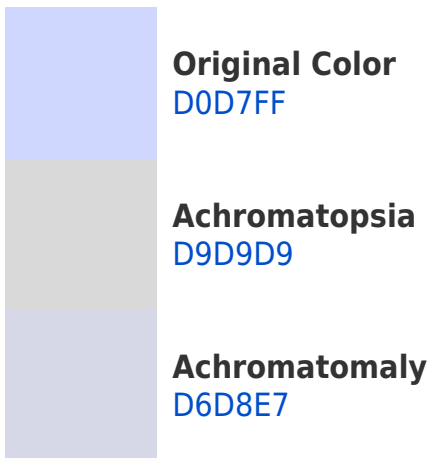
**Deuteranopia**  
DBD4FF



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0D7FF 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 #D0D7FF looks like.

```
.text, #text, p{  
    color:#D0D7FF  
}
```

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 #D0D7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0D7FF }  
}
```

## Border

The CSS property to change the border of an element to Hex D0D7FF 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 #D0D7FF }  
}
```

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

```
.border{ border-color:#D0D7FF }
```

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

Here you see how a box with a 4 pixel #D0D7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0D7FF; -webkit-box-shadow:4px 4px  
4px 4px #D0D7FF; box-shadow:4px 4px 4px  
4px #D0D7FF }
```

# Background

The CSS property to change the background color of an element to Hex D0D7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0D7FF }
```

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

```
.background{ background-color:#D0D7FF }
```

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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