

# Converting Colors

Hex(D4D7FE)

Have a look what the booklet for  
Hex(D4D7FE) contains.

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# **Color**

**Hex(D4D7FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4D7FE
RGB	212, 215, 254
RGB Percent	83%, 84%, 100%
CMY	0.1686, 0.1569, 0.0039
CMYK	0.17, 0.15, 0.00, 0.00
HSL	236°, 95%, 91%
HSV	236°, 17%, 100%
XYZ	69.3412, 69.7537, 103.5751
YIQ	218.5490, -14.3070, 11.4930

# Conversions

## Conversions Part 2

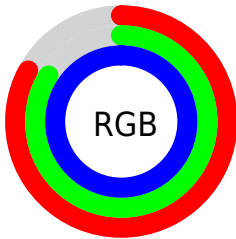
Format	Color
R <sub>Y</sub> B	212, 215, 254
Decimal	13948926
CIE Lab	86.88, 6.68, -19.32
CIE LCh	87, 20.446, 289.075
Yxy	69.7537, 0.2857, 0.2874
Android (android.graphics.Color)	4292139006 (0xFFD4D7FE)
YUV	218.5490, 17.4773, -5.7435
Hunter-Lab	83.5187, 2.0416, -15.0650

# Details

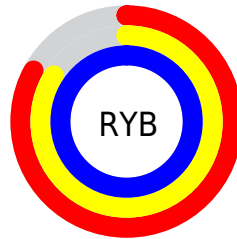
The Hex color **D4D7FE** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FEFBD4**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFFF**, and **9DA0C5** is the 20% darker color. If you saturate the color by 10%, you get **BBBFFE**, and if you desaturate by 10%, it is **EDEFEE**.

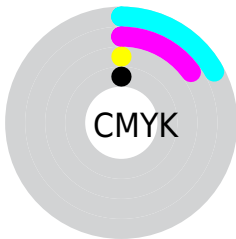
# Distribution



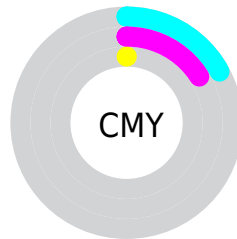
- Red (83%)
- Green (84%)
- Blue (100%)



- Red (83%)
- Yellow (84%)
- Blue (100%)



- Cyan (17%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (16%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4D7FE 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 D4D7FE by changing the saturation by 10% instead.



 D4D7FE

FFFFFF

 D4D7FE

 B8BBE1

 9DA0C5

 8386AA

 696D8F

 505576

 393E5D

 222845

 0B142F

 00011A

 D4D7FE

 D4D7FE

 BBBFFE

 EDEFFE

 A1A8FE

FFFFFFE

 8890FE

 6E79FE

 5561FE

 3C49FE

 2232FE

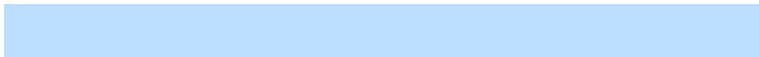
 091AFE

 0012FE

# Harmonies

## Analogous

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



BBDDFF



D4D7FE



ECD1F3

# Triad

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



D4D7FE



FED0BD



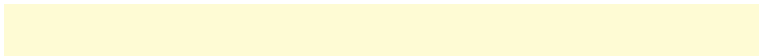
B2E4D2

# Complementary

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



D4D7FE



FEFBD4

# 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.



C5E1C0



D4D7FE



F0D6B4

# Square

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



D4D7FE



FFCCCE



DCDCB5



A7E5E5

# Rectangle

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



D4D7FE



F8CEE8



DCDCB5



B8E4CB



# Sweetspot

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



D4D7FE



F2F3FF



D4FEFB



787880



000000



808080



# Same Dimension

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



D4D7FE



CCD0FF



E6D4FE



737480



000EBF



000540



# Inverse Universe

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



FED4D7



FFCCD0



EDFED4



807374



BF000E

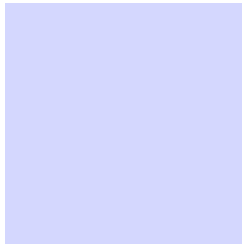


400005



# Previews

## White Background



This preview shows how the Hex color D4D7FE looks on a white background.

## Color Contrast Check

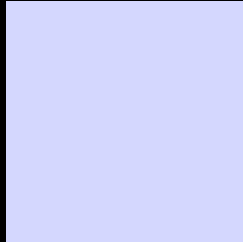
Large Text (above 18pt) WCAG AA × Fail

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 D4D7FE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

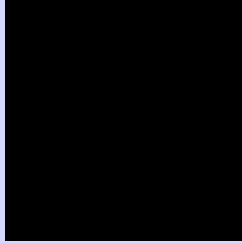
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D4D7FE Background



This preview shows how black text looks on a background with the Hex color D4D7FE.

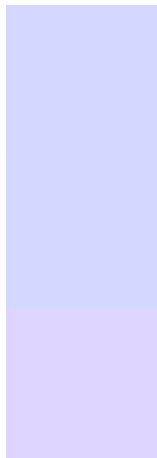


This preview shows how white text looks on a background with the Hex color D4D7FE.

# 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**  
D4D7FE

**Protanopia**  
D2D8FE

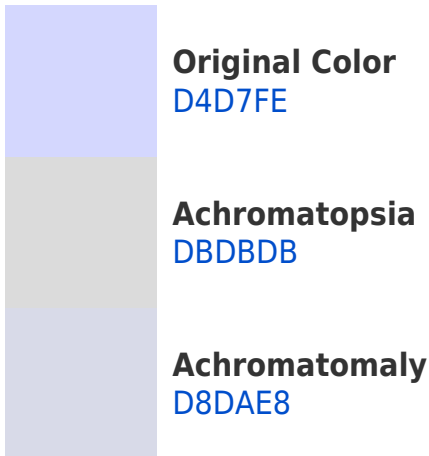
**Deuteranopia**  
DDD4FF



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4D7FE 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 #D4D7FE looks like.

```
.text, #text, p{  
    color:#D4D7FE  
}
```

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 #D4D7FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4D7FE
}
```

## Border

The CSS property to change the border of an element to Hex D4D7FE 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
#D4D7FE }
```

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

```
.border{ border-color:#D4D7FE }
```

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

Here you see how a box with a 4 pixel #D4D7FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4D7FE; -webkit-box-shadow:4px 4px  
4px 4px #D4D7FE; box-shadow:4px 4px 4px  
4px #D4D7FE }
```

# Background

The CSS property to change the background color of an element to Hex D4D7FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4D7FE }
```

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

```
.background{ background-color:#D4D7FE }
```

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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