

# Converting Colors

Hex(D4DDF7)

Have a look what the booklet for  
Hex(D4DDF7) contains.

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# **Color**

**Hex(D4DDF7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D4DDF7
RGB	212, 221, 247
RGB Percent	83%, 87%, 97%
CMY	0.1686, 0.1333, 0.0314
CMYK	0.14, 0.11, 0.00, 0.03
HSL	225°, 69%, 90%
HSV	225°, 14%, 97%
XYZ	69.7963, 72.4254, 98.2965
YIQ	221.2730, -13.7100, 6.1780

# Conversions

## Conversions Part 2

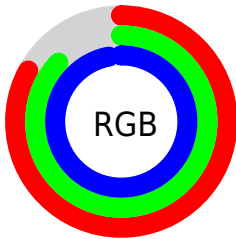
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	212, 219, 247
Decimal	13950455
CIE <sub>Lab</sub>	88.17, 2.07, -13.69
CIE <sub>LCh</sub>	88, 13.844, 278.616
Y <sub>xy</sub>	72.4254, 0.2902, 0.3011
Android (android.graphics.Color)	4292140535 (0xFFD4DDDF7)
YUV	221.2730, 12.6834, -8.1324
Hunter-Lab	85.1031, -2.5357, -8.9095

# Details

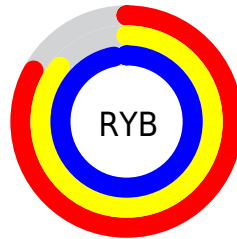
The Hex color **D4DDF7** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F7EED4**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFFF**, and **9DA6BF** is the 20% darker color. If you saturate the color by 10%, you get **BBCBF7**, and if you desaturate by 10%, it is **EDEFF7**.

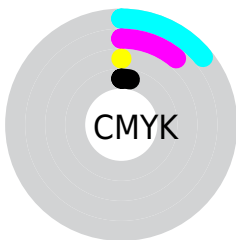
# Distribution



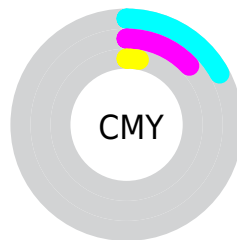
- Red (83%)
- Green (87%)
- Blue (97%)



- Red (83%)
- Yellow (86%)
- Blue (97%)



- Cyan (14%)
- Magenta (11%)
- Yellow (0%)
- Black (3%)



- Cyan (17%)
- Magenta (13%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4DDF7 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 D4DDF7 by changing the saturation by 10% instead.



 D4DDF7

FFFFFF


 D4DDF7

 B8C1DA

 9DA6BF

 838CA4

 697289

 515A70

 394257

 232C40

 0D182A

 000116

 D4DDF7

 D4DDF7

 BBCBF7

 EDEFF7

 A3B8F7

 FFFFF7

 8AA6F7

 7194F7

 5981F7

 406FF7

 275DF7

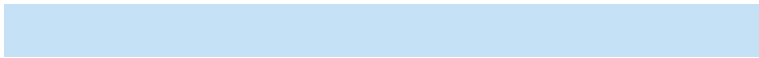
 0E4AF7

 0040F7

# Harmonies

## Analogous

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



C5E1F5



D4DDF7



E5D9F2

# Triad

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



D4DDF7



F9D6CD



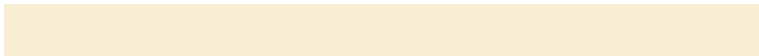
C7E4D3

# Complementary

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



D4DDF7



F7EED4

# 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.



D5E1C8



D4DDF7



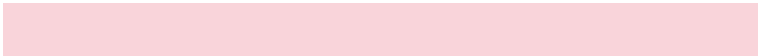
F1D9C5

# Square

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



D4DDF7



F9D4DA



E4DDC3



BEE5E1

# Rectangle

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



D4DDF7



EED6EB



E4DDC3



CBE3CF



# Sweetspot

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



D4DDF7



F5F7FF



D4F7EE



797B80



000000



808080



# Same Dimension

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



D4DDF7



D4DFFF



DCD4F7



6E717A



0030BA



000F3B



# Inverse Universe

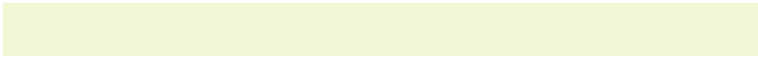
The Inverse Universe completely reimagines the original color for something new.



F7D4DD



FFD4DF



EFF7D4



7A6E71



BA0030

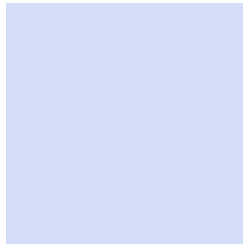


3B000F



# Previews

## White Background



This preview shows how the Hex color D4DDF7 looks on a white background.

## Color Contrast Check

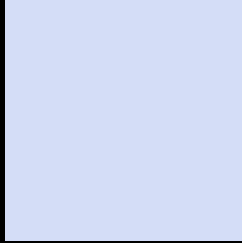
Large Text (above 18pt) WCAG AA × Fail

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 D4DDF7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

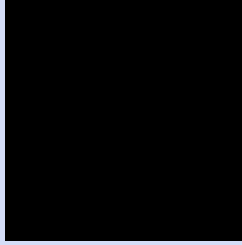
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

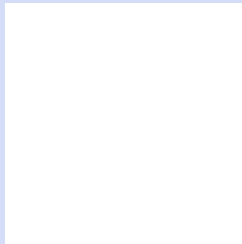
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D4DDF7 Background



This preview shows how black text looks on a background with the Hex color D4DDF7.



This preview shows how white text looks on a background with the Hex color D4DDF7.

# 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**  
D4DDF7

**Protanopia**  
DADBF6

**Deuteranopia**  
E6D7F8



**Tritanopia**  
D3DEF0

# Trichromacy



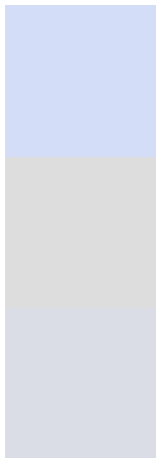
**Original Color**  
D4DDF7

**Protanomaly**  
D8DCF6

**Deuteranomaly**  
DFD9F8

**Tritanomaly**  
D3DEF3

# Monochromacy



**Original Color**  
D4DDF7

**Achromatopsia**  
DDDDDD

**Achromatomaly**  
DADDE6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4DDF7 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 #D4DDF7 looks like.

```
.text, #text, p{  
    color:#D4DDF7  
}
```

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 #D4DDF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4DDF7
}
```

## Border

The CSS property to change the border of an element to Hex D4DDF7 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
#D4DDF7 }
```

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

```
.border{ border-color:#D4DDF7 }
```

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

Here you see how a box with a 4 pixel #D4DDF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4DDF7; -webkit-box-shadow:4px 4px  
4px 4px #D4DDF7; box-shadow:4px 4px 4px  
4px #D4DDF7 }
```

# Background

The CSS property to change the background color of an element to Hex D4DDF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4DDF7 }
```

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

```
.background{ background-color:#D4DDF7 }
```

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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