

# Converting Colors

Hex(D7EDFF)

Have a look what the booklet for  
Hex(D7EDFF) contains.

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# **Color**

**Hex(D7EDFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7EDFF
RGB	215, 237, 255
RGB Percent	84%, 93%, 100%
CMY	0.1569, 0.0706, 0.0000
CMYK	0.16, 0.07, 0.00, 0.00
HSL	207°, 100%, 92%
HSV	207°, 16%, 100%
XYZ	76.3585, 82.2354, 106.4562
YIQ	232.4740, -18.8900, 0.9340

# Conversions

## Conversions Part 2

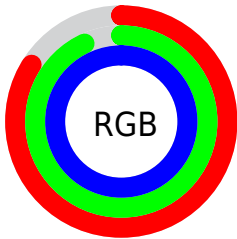
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 229, 255
Decimal	14151167
CIE Lab	92.68, -3.63, -11.13
CIE LCh	93, 11.704, 251.923
Yxy	82.2354, 0.2881, 0.3103
Android (android.graphics.Color)	4292341247 (0xFFD7EDFF)
YUV	232.4740, 11.1053, -15.3247
Hunter-Lab	90.6838, -8.3941, -6.1236

# Details

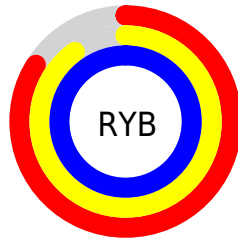
The Hex color **D7EDFF** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **FFE9D7**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFFFF**, and **A0B5C6** is the 20% darker color. If you saturate the color by 10%, you get **BEE2FF**, and if you desaturate by 10%, it is **F1F8FF**.

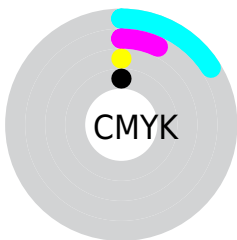
# Distribution



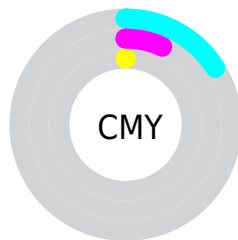
- Red (84%)
- Green (93%)
- Blue (100%)



- Red (84%)
- Yellow (90%)
- Blue (100%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7EDFF 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 D7EDFF by changing the saturation by 10% instead.



 D7EDFF

 D7EDFF

FFFFFF

 BBD1E2

 A0B5C6

 859AAB

 6C8090

 536777

 3B4F5E

 243946

 0E2330

 000D1B

 D7EDFF

 D7EDFF


 BEE2FF

 F1F8FF

 A4D6FF

FFFFFF


 8BCBFF

 71BFFF

 58B4FF

 3EA8FF

 249DFF

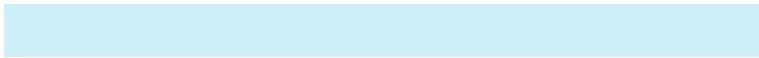
 0B91FF

 008CFF

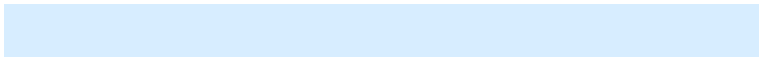
# Harmonies

## Analogous

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



CFF0F9



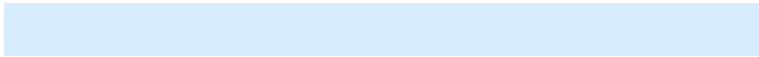
D7EDFF



E4E9FF

# Triad

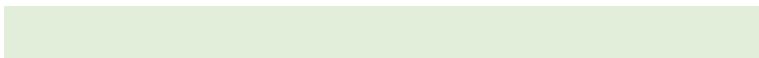
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D7EDFF



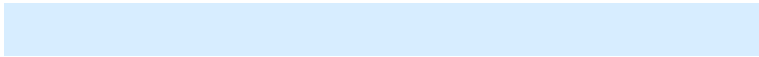
FFE2E6



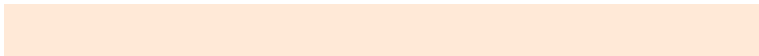
E2EED9

# Complementary

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



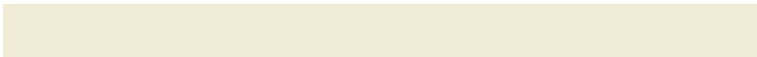
D7EDFF



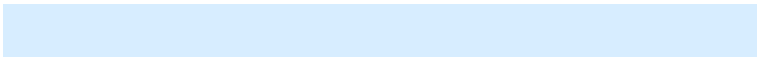
FFE9D7

# Split Complementary

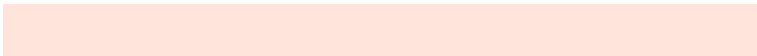
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EFEBD4



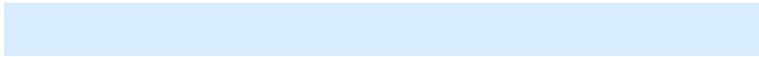
D7EDFF



FFE4DB

# Square

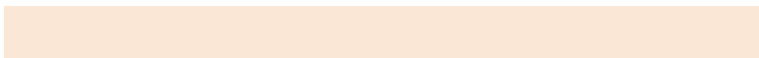
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D7EDFF



FDE3F1



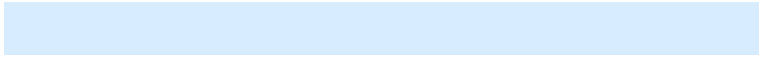
FAE7D5



D6F0E3

# Rectangle

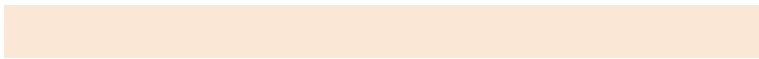
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D7EDFF



EDE7FD



FAE7D5

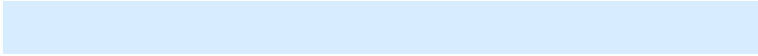


E6EDD7

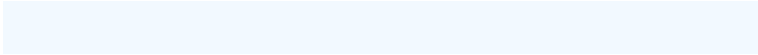


# Sweetspot

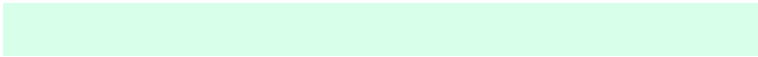
The Sweet Spot groups the original color and five complimentary colors.



D7EDFF



F2F9FF



D7FFE9



787C80



000000

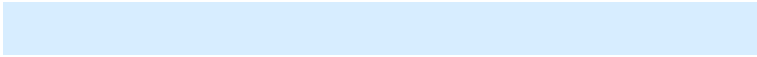


808080

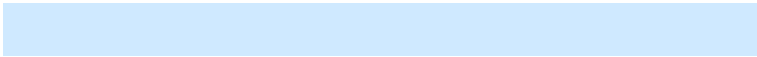


# Same Dimension

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



D7EDFF



CFE9FF



D7DAFF



737A80



0069BF



002340



# Inverse Universe

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



FFD7ED



FFCFE9



FFFDD7



80737A



BF0069

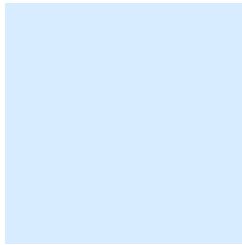


400023



# Previews

## White Background



This preview shows how the Hex color D7EDFF looks on a white background.

## Color Contrast Check

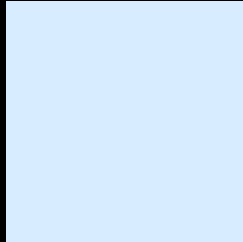
Large Text (above 18pt) WCAG AA × Fail

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 D7EDFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

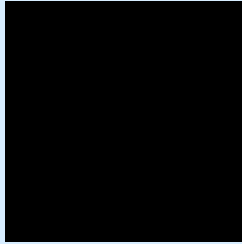
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

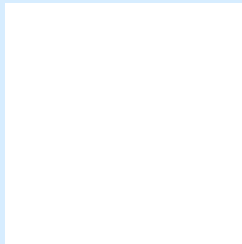
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D7EDFF Background



This preview shows how black text looks on a background with the Hex color D7EDFF.



This preview shows how white text looks on a background with the Hex color D7EDFF.

# 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](#).

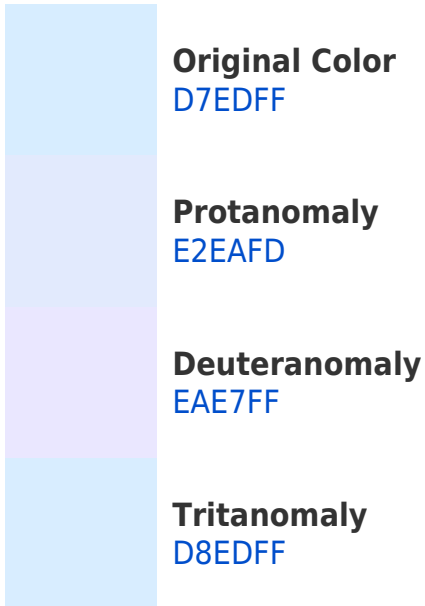
## Dichromacy



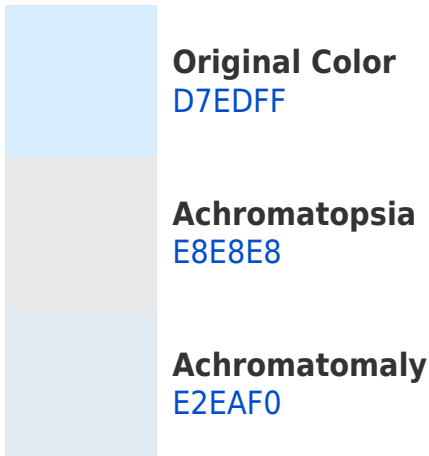


**Tritanopia**  
D8EDFF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7EDFF 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 #D7EDFF looks like.

```
.text, #text, p{  
    color:#D7EDFF  
}
```

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 #D7EDFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7EDFF
}
```

## Border

The CSS property to change the border of an element to Hex D7EDFF 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
#D7EDFF }
```

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

```
.border{ border-color:#D7EDFF }
```

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

Here you see how a box with a 4 pixel #D7EDFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7EDFF; -webkit-box-shadow:4px 4px  
4px 4px #D7EDFF; box-shadow:4px 4px 4px  
4px #D7EDFF }
```

# Background

The CSS property to change the background color of an element to Hex D7EDFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7EDFF }
```

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

```
.background{ background-color:#D7EDFF }
```

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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