

# Converting Colors

Hex(D5EFFF)

Have a look what the booklet for  
Hex(D5EFFF) contains.

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# **Color**

**Hex(D5EFFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5EFFF
RGB	213, 239, 255
RGB Percent	84%, 94%, 100%
CMY	0.1647, 0.0627, 0.0000
CMYK	0.16, 0.06, 0.00, 0.00
HSL	203°, 100%, 92%
HSV	203°, 16%, 100%
XYZ	76.3571, 83.0991, 106.6230
YIQ	233.0500, -20.6320, -0.5360

# Conversions

## Conversions Part 2

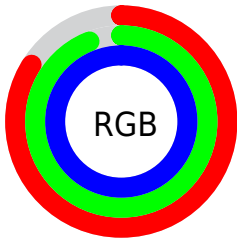
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 229, 255
Decimal	14020607
CIE Lab	93.06, -5.27, -10.58
CIE LCh	93, 11.816, 243.518
Yxy	83.0991, 0.2870, 0.3123
Android (android.graphics.Color)	4292210687 (0xFFD5EFFF)
YUV	233.0500, 10.8214, -17.5838
Hunter-Lab	91.1587, -10.0112, -5.5369

# Details

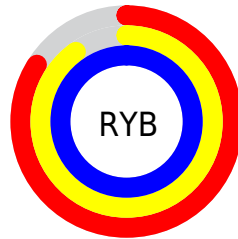
The Hex color **D5EFFF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFE5D5**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFFFF**, and **9EB7C6** is the 20% darker color. If you saturate the color by 10%, you get **BCE5FF**, and if you desaturate by 10%, it is **EFF9FF**.

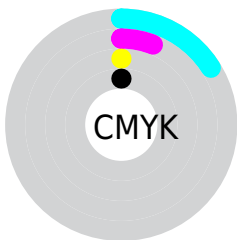
# Distribution



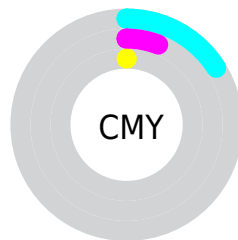
- Red (84%)
- Green (94%)
- Blue (100%)



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



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5EFFF 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 D5EFFF by changing the saturation by 10% instead.



 D5EFFF

FFFFFF

 D5EFFF

 B9D3E2

 9EB7C6


 839CAB

 6A8290

 516977

 39515E

 223A46

 0B2430

 000F1B

 D5EFFF

 D5EFFF

 BCE5FF

 EFF9FF

 A2DCFF

FFFFFF

 89D2FF

 6FC8FF

 56BEFF

 3CB5FF

 22ABFF

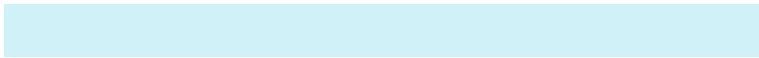
 09A1FF

 009EFF

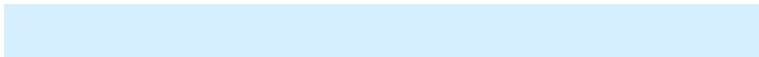
# Harmonies

## Analogous

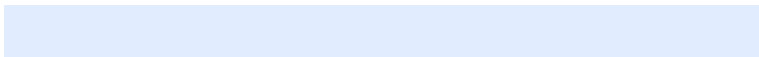
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CFF1F7



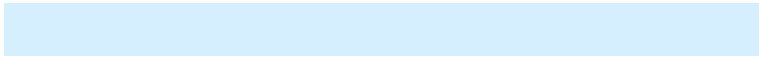
D5EFFF



E1ECFF

# Triad

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



D5EFFF



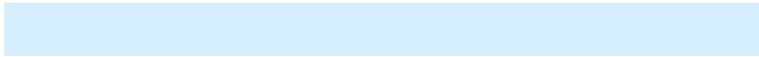
FFE3EA



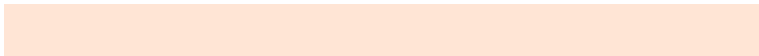
E6EED8

# Complementary

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



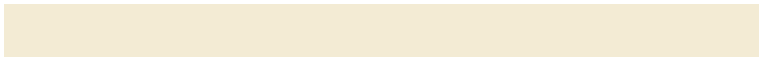
D5EFFF



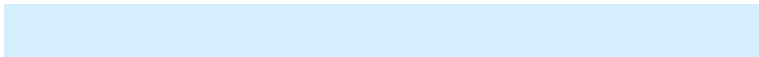
FFE5D5

# Split Complementary

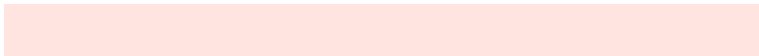
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F3EBD4



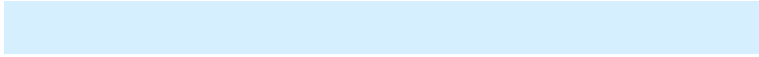
D5EFFF



FFE4DF

# Square

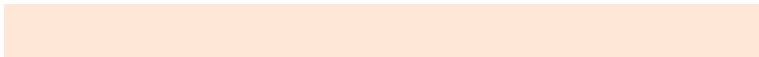
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



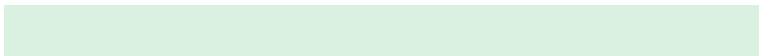
D5EFFF



FBE5F5



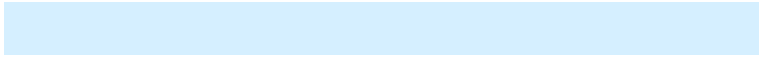
FEE7D7



DAF1E1

# Rectangle

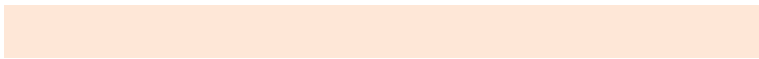
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D5EFFF



EAE9FF



FEE7D7

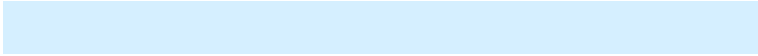


EBEDD6

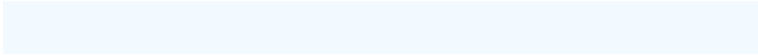


# Sweetspot

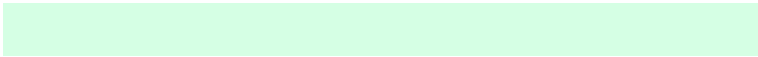
The Sweet Spot groups the original color and five complimentary colors.



D5EFFF



F2FAFF



D5FFE4



787D80



000000

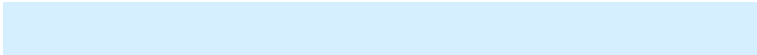


808080

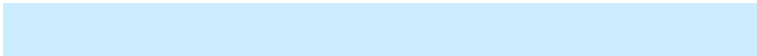


# Same Dimension

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



D5EFFF



CCECFE



D5DBFF



737B80



0076BF



002740



# Inverse Universe

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



FFD5EF



FFCCEC



FFF9D5



80737B



BF0076

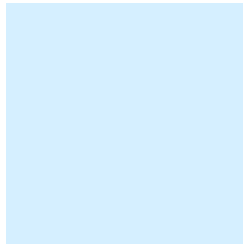


400027



# Previews

## White Background



This preview shows how the Hex color D5EFFF looks on a white background.

## Color Contrast Check

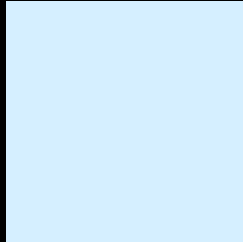
Large Text (above 18pt) WCAG AA × Fail

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 D5EFFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

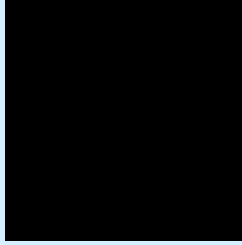
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

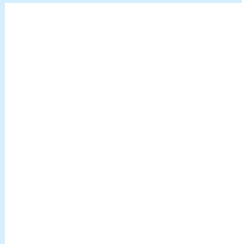
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D5EFFF Background



This preview shows how black text looks on a background with the Hex color D5EFFF.

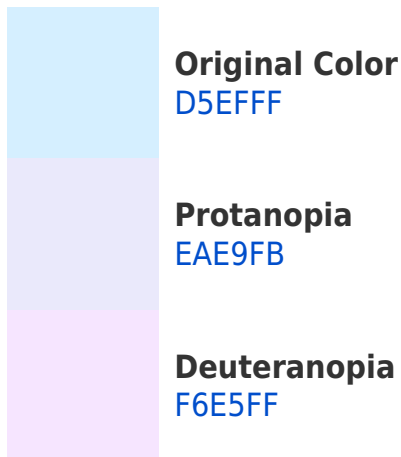


This preview shows how white text looks on a background with the Hex color D5EFFF.

# 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**  
D8EEFF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5EFFF 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 #D5EFFF looks like.

```
.text, #text, p{  
    color:#D5EFFF  
}
```

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 #D5EFFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5EFFF
}
```

## Border

The CSS property to change the border of an element to Hex D5EFFF 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
#D5EFFF }
```

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

```
.border{ border-color:#D5EFFF }
```

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

Here you see how a box with a 4 pixel #D5EFFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5EFFF; -webkit-box-shadow:4px 4px  
4px 4px #D5EFFF; box-shadow:4px 4px 4px  
4px #D5EFFF }
```

# Background

The CSS property to change the background color of an element to Hex D5EFFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5EFFF }
```

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

```
.background{ background-color:#D5EFFF }
```

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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