

# Converting Colors

Hex(D6EEFF)

Have a look what the booklet for  
Hex(D6EEFF) contains.

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# **Color**

**Hex(D6EEFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6EEFF
RGB	214, 238, 255
RGB Percent	84%, 93%, 100%
CMY	0.1608, 0.0667, 0.0000
CMYK	0.16, 0.07, 0.00, 0.00
HSL	205°, 100%, 92%
HSV	205°, 16%, 100%
XYZ	76.3561, 82.6652, 106.5393
YIQ	232.7620, -19.7610, 0.1990

# Conversions

## Conversions Part 2

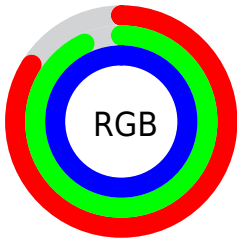
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	214, 229, 255
Decimal	14085887
CIE Lab	92.87, -4.45, -10.85
CIE LCh	93, 11.729, 247.698
Yxy	82.6652, 0.2875, 0.3113
Android (android.graphics.Color)	4292275967 (0xFFD6EEFF)
YUV	232.7620, 10.9633, -16.4543
Hunter-Lab	90.9204, -9.2042, -5.8309

# Details

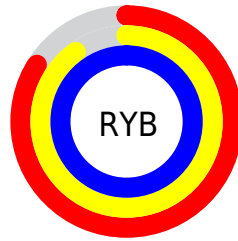
The Hex color **D6EEFF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFE7D6**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFFFF**, and **9FB6C6** is the 20% darker color. If you saturate the color by 10%, you get **BDE3FF**, and if you desaturate by 10%, it is **F0F9FF**.

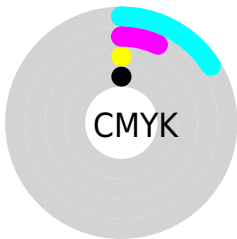
# Distribution



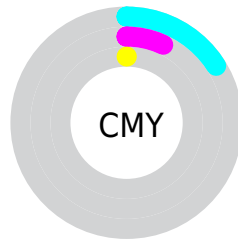
- Red (84%)
- Green (93%)
- Blue (100%)



- 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 D6EEFF 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 D6EEFF by changing the saturation by 10% instead.



 D6EEFF

FFFFFF

 D6EEFF

 BAD2E2

 9FB6C6

 849BAB

 6B8190

 526877

 3A505E

 233946

 0C2430

 000E1B

 D6EEFF

 D6EEFF

 BDE3FF

 F0F9FF

 A3D9FF

FFFFFF

 8ACEFF

 70C4FF

 57B9FF

 3DAFFF

 23A4FF

 0A99FF

 0095FF

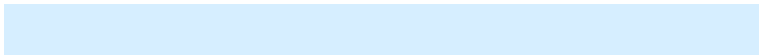
# Harmonies

## Analogous

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



CFF0F8



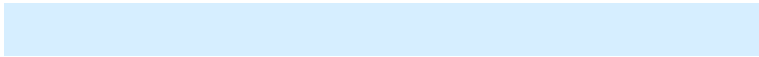
D6EEFF



E2EAFF

# Triad

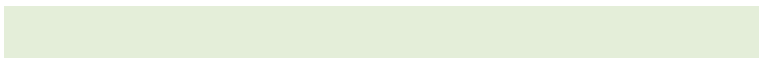
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D6EEFF



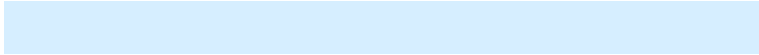
FFE3E8



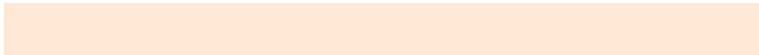
E4EED9

# Complementary

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



D6EEFF



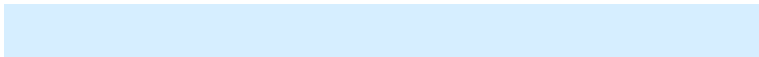
FFE7D6

# Split Complementary

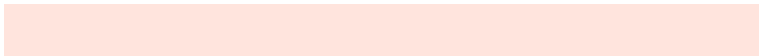
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F1EBD4



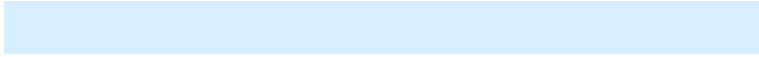
D6EEFF



FFE4DD

# Square

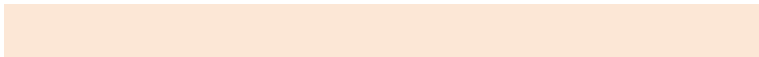
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D6EEFF



FCE4F3



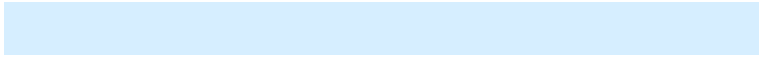
FCE7D6



D8F1E2

# Rectangle

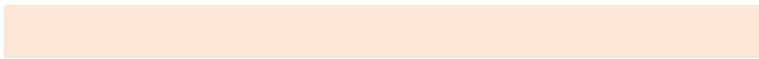
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D6EEFF



ECE8FE



FCE7D6

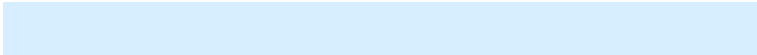


E8EDD6



# Sweetspot

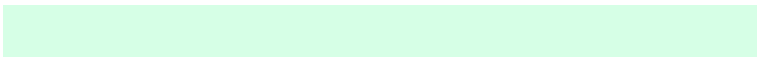
The Sweet Spot groups the original color and five complimentary colors.



D6EEFF



F2FAFF



D6FFE6



787C80



000000

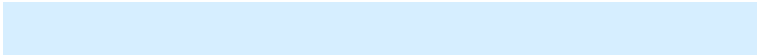


808080

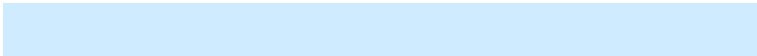


# Same Dimension

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



D6EEFF



CFE8FF



D6DAFF



737A80



0070BF



002540



# Inverse Universe

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



FFD6EE



FFCFEB



FFFBD6



80737A



BF0070

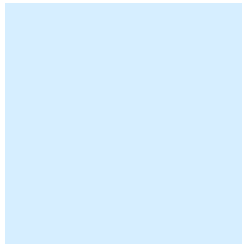


400025



# Previews

## White Background



This preview shows how the Hex color D6EEFF looks on a white background.

## Color Contrast Check

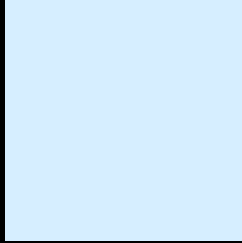
Large Text (above 18pt) WCAG AA × Fail

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 D6EEFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

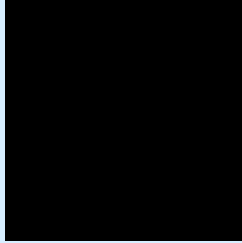
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

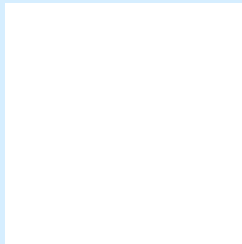
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D6EEFF Background



This preview shows how black text looks on a background with the Hex color D6EEFF.

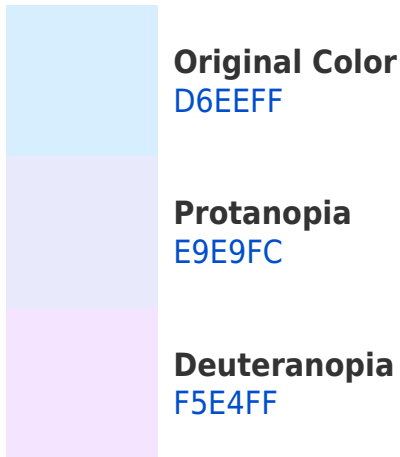


This preview shows how white text looks on a background with the Hex color D6EEFF.

# 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



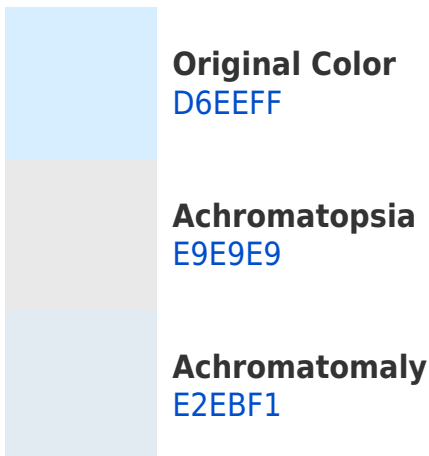


**Tritanopia**  
D8EDFF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6EEFF 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 #D6EEFF looks like.

```
.text, #text, p{  
    color:#D6EEFF  
}
```

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 #D6EEFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6EEFF }  
}
```

## Border

The CSS property to change the border of an element to Hex D6EEFF 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 #D6EEFF }  
}
```

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

```
.border{ border-color:#D6EEFF }
```

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

Here you see how a box with a 4 pixel #D6EEFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6EEFF; -webkit-box-shadow:4px 4px  
4px 4px #D6EEFF; box-shadow:4px 4px 4px  
4px #D6EEFF }
```

# Background

The CSS property to change the background color of an element to Hex D6EEFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6EEFF }
```

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

```
.background{ background-color:#D6EEFF }
```

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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