

Converting Colors

Hex(6DE7FF)

Have a look what the booklet for
Hex(6DE7FF) contains.

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Color

Hex(6DE7FF)

Conversions

Conversions Part 1

Format	Color
Hex	6DE7FF
RGB	109, 231, 255
RGB Percent	43%, 91%, 100%
CMY	0.5725, 0.0941, 0.0000
CMYK	0.57, 0.09, 0.00, 0.00
HSL	190°, 100%, 71%
HSV	190°, 57%, 100%
XYZ	52.9326, 67.6230, 104.8705
YIQ	197.2580, -80.4160, -18.4000

Conversions

Conversions Part 2

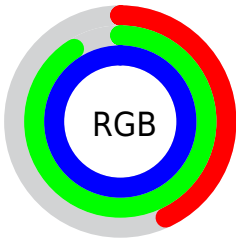
Format	Color
RYB	109, 175, 255
Decimal	7202815
CIELab	85.82, -27.50, -21.96
CIELCh	86, 35.195, 218.615
Yxy	67.6230, 0.2348, 0.3000
Android (android.graphics.Color)	4285392895 (0xFF6DE7FF)
YUV	197.2580, 28.4668, -77.4023
Hunter-Lab	82.2332, -29.0097, -18.0481

Details

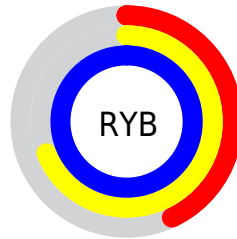
The Hex color **6DE7FF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF856D**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **ABFFFF**, and **1FAFC6** is the 20% darker color. If you saturate the color by 10%, you get **54E3FF**, and if you desaturate by 10%, it is **87EBFF**.

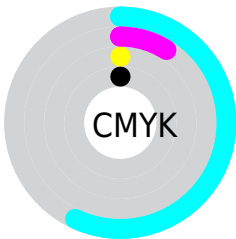
Distribution



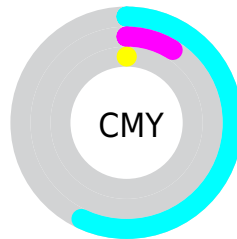
- Red (43%)
- Green (91%)
- Blue (100%)



- Red (43%)
- Yellow (69%)
- Blue (100%)



- Cyan (57%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DE7FF 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 6DE7FF by changing the saturation by 10% instead.

 6DE7FF

 6DE7FF

FFFFFF

 4BCBE2

 ABFFFF

 1FAFC6

 CAFFFF

 0094AB

 E8FFFF

 007A90

 006177

 00495E

 003246

 001E30

 00011B

 6DE7FF


 6DE7FF

 54E3FF

 87EBFF

 3ADFFF

 A0EFFF

 21DAFF

 BAF4FF

 07D6FF

 D3F8FF

 00D5FF

 EDFCFF

FFFFFF

Harmonies

Analogous

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



77E9DF



6DE7FF



8AE1FF

Triad

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



6DE7FF



FFC1F0



E5D894

Complementary

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



6DE7FF



FF856D

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.



FFCC99



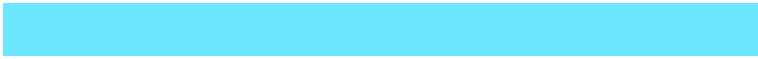
6DE7FF



FFBECE

Square

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



6DE7FF



E8CBFF



FFC2AF



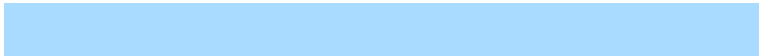
C0E1A2

Rectangle

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



6DE7FF



A9DAFF



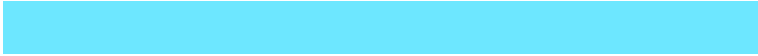
FFC2AF



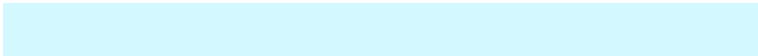
F0D494

Sweetspot

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



6DE7FF



D4F8FF



6DFF83



667B80



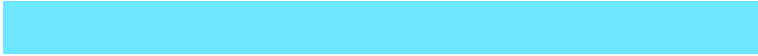
000000



808080

Same Dimension

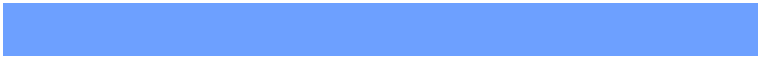
The Same Dimension uses a secret algorithm to generate beautiful new colors.



6DE7FF



4FE2FF



6DA0FF



737D80



00A0BF



003540

Inverse Universe

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



FF6DE7



FF4FE2



FFCC6D



80737D



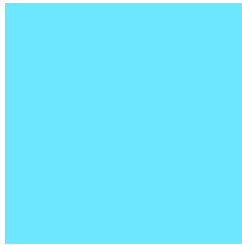
BF00A0



400035

Previews

White Background



This preview shows how the Hex color 6DE7FF looks on a white background.

Color Contrast Check

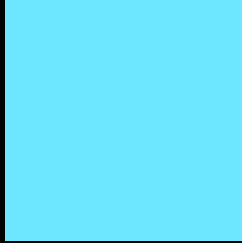
Large Text (above 18pt) WCAG AA × Fail

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 6DE7FF 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 6DE7FF Background



This preview shows how black text looks on a background with the Hex color 6DE7FF.

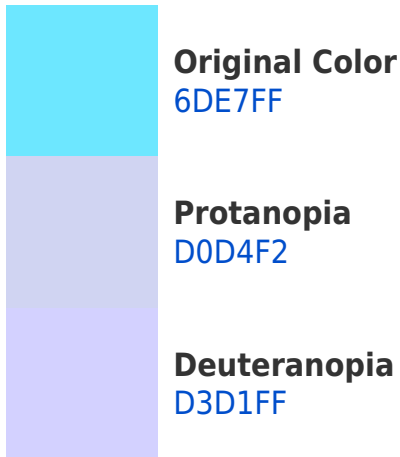


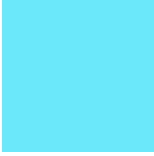
This preview shows how white text looks on a background with the Hex color 6DE7FF.

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](#).

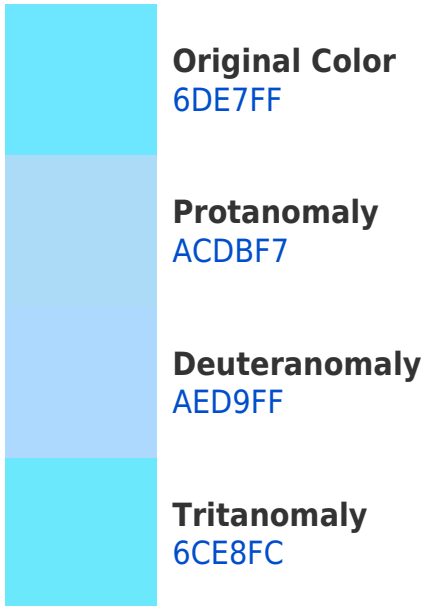
Dichromacy



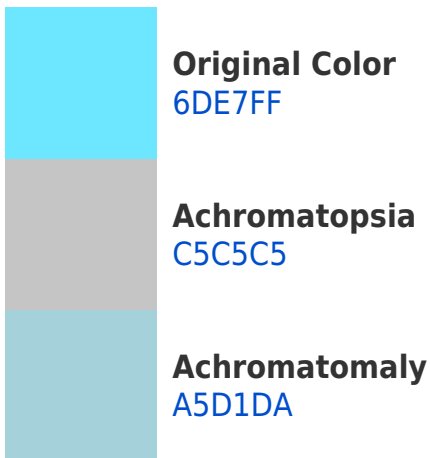


Tritanopia
6BE8FA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DE7FF 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 #6DE7FF looks like.

```
.text, #text, p{  
    color:#6DE7FF  
}
```

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 #6DE7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DE7FF
}
```

Border

The CSS property to change the border of an element to Hex 6DE7FF 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
#6DE7FF }
```

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

```
.border{ border-color:#6DE7FF }
```

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

Here you see how a box with a 4 pixel #6DE7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DE7FF; -webkit-box-shadow:4px 4px  
4px 4px #6DE7FF; box-shadow:4px 4px 4px  
4px #6DE7FF }
```

Background

The CSS property to change the background color of an element to Hex 6DE7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DE7FF }
```

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

```
.background{ background-color:#6DE7FF }
```

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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