

Converting Colors

Hex(5DE1FF)

Have a look what the booklet for
Hex(5DE1FF) contains.

Hex(5DE1FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5DE1FF)

Conversions

Conversions Part 1

Format	Color
Hex	5DE1FF
RGB	93, 225, 255
RGB Percent	36%, 88%, 100%
CMY	0.6353, 0.1176, 0.0000
CMYK	0.64, 0.12, 0.00, 0.00
HSL	191°, 100%, 68%
HSV	191°, 64%, 100%
XYZ	49.4894, 63.3976, 104.2363
YIQ	188.9520, -88.3020, -18.6540

Conversions

Conversions Part 2

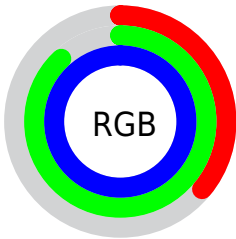
Format	Color
R_{YB}	93, 166, 255
Decimal	6152703
CIE _{Lab}	83.65, -27.28, -25.30
CIE _{LCh}	84, 37.208, 222.843
Yxy	63.3976, 0.2279, 0.2920
Android (android.graphics.Color)	4284342783 (0xFF5DE1FF)
YUV	188.9520, 32.5617, -84.1499
Hunter-Lab	79.6226, -28.3929, -21.8825

Details

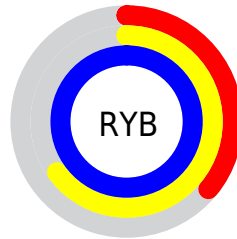
The Hex color **5DE1FF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **FF7B5D**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **9EFFFF**, and **00A9C6** is the 20% darker color. If you saturate the color by 10%, you get **43DCFF**, and if you desaturate by 10%, it is **77E6FF**.

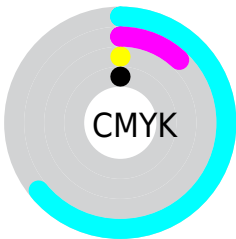
Distribution



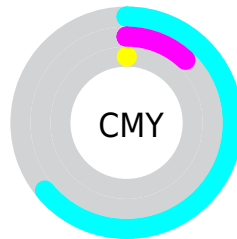
- Red (36%)
- Green (88%)
- Blue (100%)



- Red (36%)
- Yellow (65%)
- Blue (100%)



- Cyan (64%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DE1FF 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 5DE1FF by changing the saturation by 10% instead.

 5DE1FF

 5DE1FF

FFFFFF

 36C5E2

 9EFFFF

 00A9C6

 BDFFFF

 008FAB

 DCFFFF

 007590

 FBFFFF

 005C77

 00445E

 002D46

 001730

 00011A

■ 5DE1FF

■ 5DE1FF

■ 43DCFF

■ 77E6FF

■ 2AD8FF

■ 90EAFF

■ 10D3FF

■ AAFFFF

■ 00D0FF

■ C3F4FF

■ DDF9FF

■ F6FDFF

FFFFFF

Harmonies

Analogous

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



64E4DF



5DE1FF



83DAFF

Triad

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



5DE1FF



FFB9E6



DAD38C

Complementary

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



5DE1FF



FF7B5D

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.



FAC78E



5DE1FF



FFB6C3

Square

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



5DE1FF



E8C2FF



FFBCA2



B3DD9C

Rectangle

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



5DE1FF



A7D3FF



FFBCA2



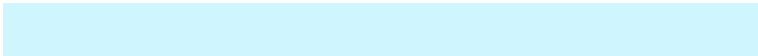
E6CF8A

Sweetspot

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



5DE1FF



CFF6FF



5DFF7B



627A80



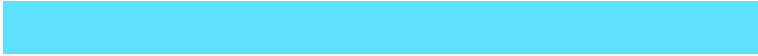
000000



808080

Same Dimension

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



5DE1FF



3DDBFF



5D90FF



737D80



009CBF



003440

Inverse Universe

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



FF5DE1



FF3DDB



FFCC5D



80737D



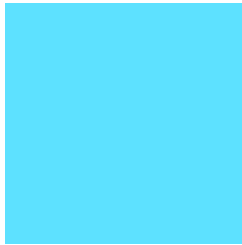
BF009C



400034

Previews

White Background



This preview shows how the Hex color 5DE1FF looks on a white background.

Color Contrast Check

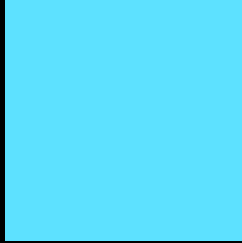
Large Text (above 18pt) WCAG AA × Fail

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 5DE1FF 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 5DE1FF Background



This preview shows how black text looks on a background with the Hex color 5DE1FF.

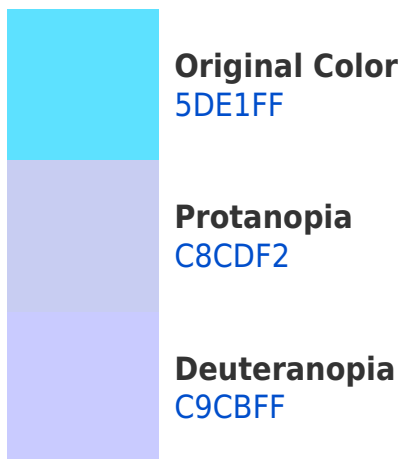


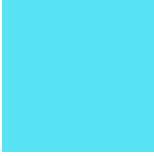
This preview shows how white text looks on a background with the Hex color 5DE1FF.

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](#).

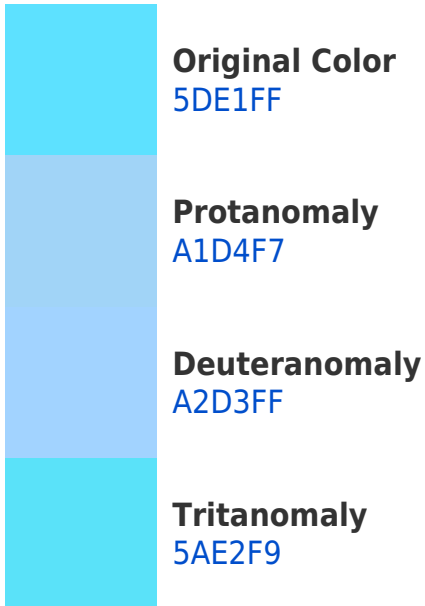
Dichromacy



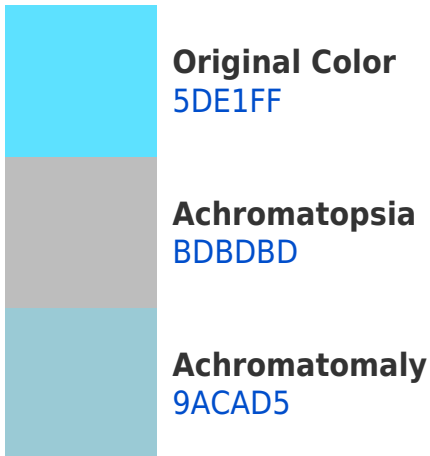


Tritanopia
58E3F5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DE1FF 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 #5DE1FF looks like.

```
.text, #text, p{  
    color:#5DE1FF  
}
```

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 #5DE1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DE1FF
}
```

Border

The CSS property to change the border of an element to Hex 5DE1FF 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
#5DE1FF }
```

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

```
.border{ border-color:#5DE1FF }
```

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

Here you see how a box with a 4 pixel #5DE1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DE1FF; -webkit-box-shadow:4px 4px  
4px 4px #5DE1FF; box-shadow:4px 4px 4px  
4px #5DE1FF }
```

Background

The CSS property to change the background color of an element to Hex 5DE1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DE1FF }
```

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

```
.background{ background-color:#5DE1FF }
```

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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