

Converting Colors

Hex(5DEDFF)

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

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Color

Hex(5DEDFF)

Conversions

Conversions Part 1

Format	Color
Hex	5DEDFF
RGB	93, 237, 255
RGB Percent	36%, 93%, 100%
CMY	0.6353, 0.0706, 0.0000
CMYK	0.64, 0.07, 0.00, 0.00
HSL	187°, 100%, 68%
HSV	187°, 64%, 100%
XYZ	52.8484, 70.1155, 105.3560
YIQ	195.9960, -91.6020, -24.9300

Conversions

Conversions Part 2

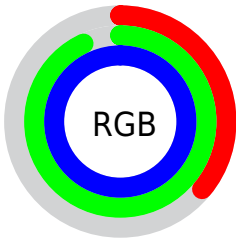
Format	Color
R _Y B	93, 169, 255
Decimal	6155775
CIE Lab	87.05, -33.05, -20.14
CIE LCh	87, 38.698, 211.359
Yxy	70.1155, 0.2315, 0.3071
Android (android.graphics.Color)	4284345855 (0xFF5DEDFF)
YUV	195.9960, 29.0890, -90.3275
Hunter-Lab	83.7350, -33.8781, -15.9846

Details

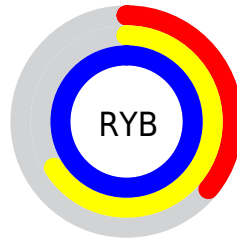
The Hex color **5DEDFF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **FF6F5D**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **9FFFFFF**, and **00B5C6** is the 20% darker color. If you saturate the color by 10%, you get **43EAFF**, and if you desaturate by 10%, it is **77F0FF**.

Distribution



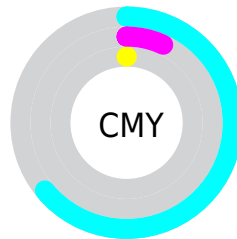
- Red (36%)
- Green (93%)
- Blue (100%)



- Red (36%)
- Yellow (66%)
- Blue (100%)



- Cyan (64%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 5DEDFF

 5DEDFF

FFFFFF

 35D1E2

 9FFFFFF

 00B5C6

 BEFFFF

 009AAB

 DDFFFF

 007F90

FDFFFF

 006677

 004D5E

 003646

 002230

 00011B

■ 5DEDFF

■ 5DEDFF

■ 43EAFB

■ 77F0FF

■ 2AE7FF

■ 90F3FF

■ 10E5FF

■ AAF6FF

■ 00E3FF

■ C3F8FF

■ DDFBFF

■ F6FEFF

FFFFFF

Harmonies

Analogous

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



75EEDA



5DEDFF



75E7FF

Triad

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



5DEDFE



FFC4FE



F2D890

Complementary

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



5DEDFE



FF6F5D

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.



FFCC9B



5DEDFE



FFBEDA

Square

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



5DEDFF



E1D0FF



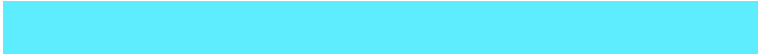
FFC2B6



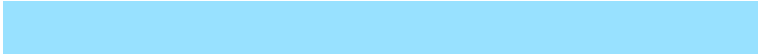
CBE39A

Rectangle

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



5DEDFF



98E1FF



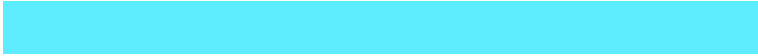
FFC2B6



FDD492

Sweetspot

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



5DEDFF



CFFAFF



5DFF6D



627C80



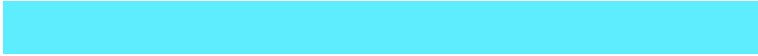
000000



808080

Same Dimension

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



5DEDFF



3DE9FF



5D9EFF



737E80



00AABF



003940

Inverse Universe

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



FF5DED



FF3DE9



FFBE5D



80737E



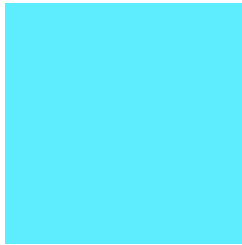
BF00AA



400039

Previews

White Background



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

Color Contrast Check

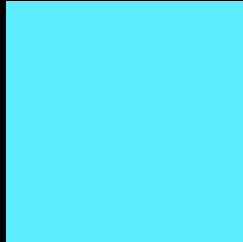
Large Text (above 18pt) WCAG AA × Fail

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 5DEDFF 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 5DEDFF Background



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

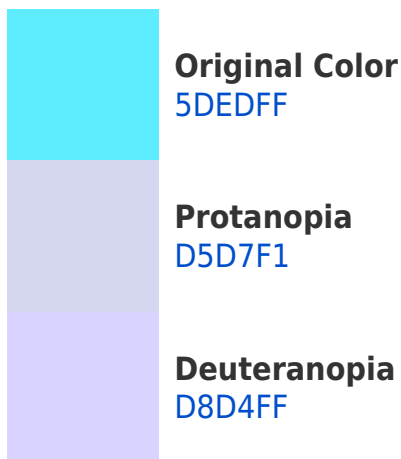


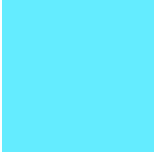
This preview shows how white text looks on a background with the Hex color 5DEDFF.

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
64ECFF

Trichromacy



Original Color
5DEDFF



Protanomaly
A9DFF6



Deuteranomaly
ABDDFF

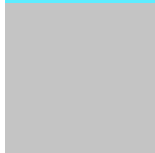


Tritanomaly
61ECFF

Monochromacy



Original Color
5DEDFF



Achromatopsia
C4C4C4



Achromatomaly
9FD3D9

CSS Examples

Text

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

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

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 #5DEDFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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