

# Converting Colors

Hex(5DE9FF)

Have a look what the booklet for  
Hex(5DE9FF) contains.

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**Color**

**Hex(5DE9FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DE9FF
RGB	93, 233, 255
RGB Percent	36%, 91%, 100%
CMY	0.6353, 0.0863, 0.0000
CMYK	0.64, 0.09, 0.00, 0.00
HSL	188°, 100%, 68%
HSV	188°, 64%, 100%
XYZ	51.7031, 67.8250, 104.9742
YIQ	193.6480, -90.5020, -22.8380

# Conversions

## Conversions Part 2

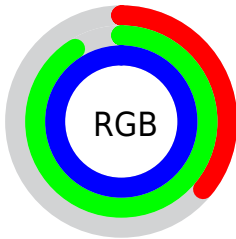
Format	Color
RYP	93, 168, 255
Decimal	6154751
CIELab	85.92, -31.15, -21.86
CIElCh	86, 38.049, 215.057
Yxy	67.8250, 0.2303, 0.3021
Android (android.graphics.Color)	4284344831 (0xFF5DE9FF)
YUV	193.6480, 30.2465, -88.2683
Hunter-Lab	82.3559, -32.0604, -17.9243

# Details

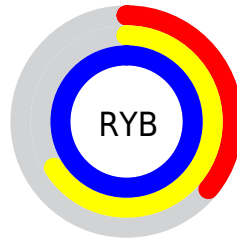
The Hex color **5DE9FF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **FF735D**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **9FFFFFF**, and **00B1C6** is the 20% darker color. If you saturate the color by 10%, you get **43E6FF**, and if you desaturate by 10%, it is **77ECFF**.

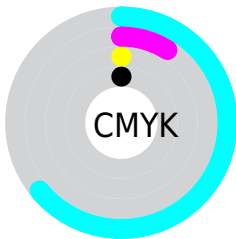
# Distribution



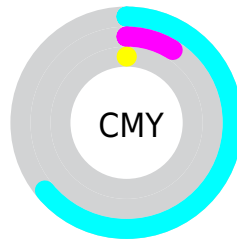
- Red (36%)
- Green (91%)
- Blue (100%)



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



- Cyan (64%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (9%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DE9FF 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 5DE9FF by changing the saturation by 10% instead.



 5DE9FF

 5DE9FF

FFFFFF

 35CDE2

 9FFFFFF

 00B1C6

 BEFFFF

 0096AB

 DDFFFF

 007C90

 FCFFFF

 006277

 004A5E

 003346

 001F30

 00011B

 5DE9FF

 5DE9FF

 43E6FF

 77ECFF

 2AE2FF

 90F0FF

 10DFFF

 AAF3FF

 00DCFF

 C3F7FF

 DDFAFF

 F6FEFF

FFFFFF

# Harmonies

## Analogous

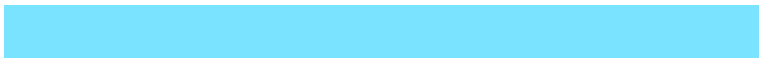
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70EBDC



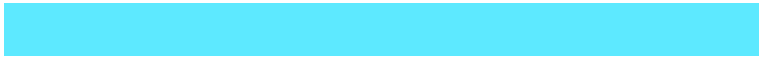
5DE9FF



7AE3FF

# Triad

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



5DE9FF



FFC0F6



EAD78F

# Complementary

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



5DE9FF



FF735D

# 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.



FFCA96



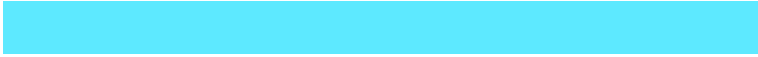
5DE9FF



FFBCD2

# Square

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



5DE9FF



E4CBFF



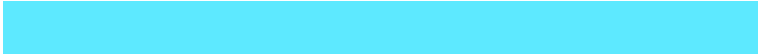
FFC0AF



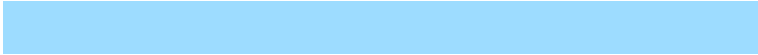
C3E19B

# Rectangle

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



5DE9FF



9DDCFF



FFC0AF



F5D38F

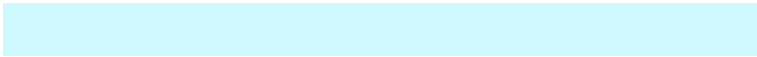


# Sweetspot

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



5DE9FF



CFF8FF



5DFF73



627C80



000000



808080



# Same Dimension

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



5DE9FF



3DE5FF



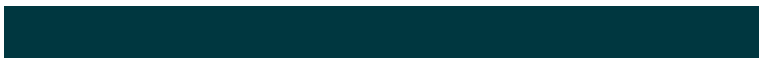
5D98FF



737E80



00A5BF



003740



# Inverse Universe

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



FF5DE9



FF3DE5



FFC45D



80737E



BF00A5

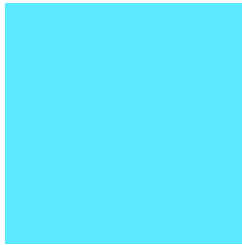


400037



# Previews

## White Background



This preview shows how the Hex color 5DE9FF looks on a white background.

## Color Contrast Check

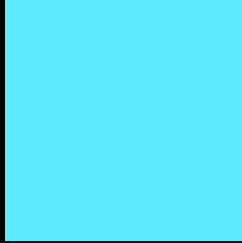
Large Text (above 18pt) WCAG AA × Fail

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 5DE9FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

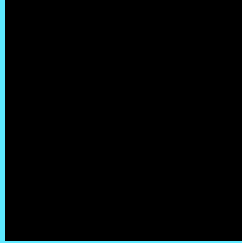
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5DE9FF Background



This preview shows how black text looks on a background with the Hex color 5DE9FF.

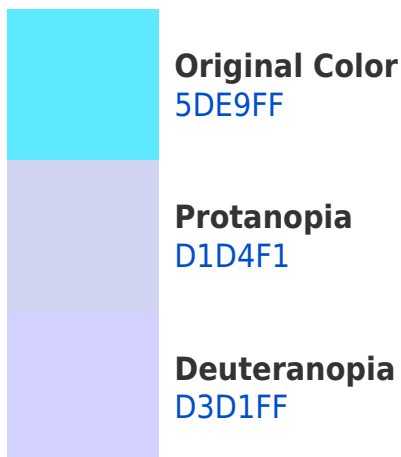


This preview shows how white text looks on a background with the Hex color 5DE9FF.

# 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



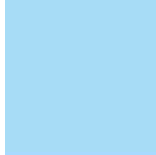


**Tritanopia**  
5CE9FC

# Trichromacy



**Original Color**  
5DE9FF



**Protanomaly**  
A7DCF6



**Deuteranomaly**  
A8DAFF

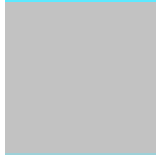


**Tritanomaly**  
5CE9FD

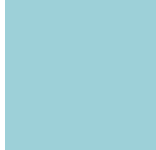
# Monochromacy



**Original Color**  
5DE9FF



**Achromatopsia**  
C2C2C2



**Achromatomaly**  
9DD0D8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DE9FF 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 #5DE9FF looks like.

```
.text, #text, p{  
    color:#5DE9FF  
}
```

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 #5DE9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DE9FF  
}
```

## Border

The CSS property to change the border of an element to Hex 5DE9FF 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  
#5DE9FF }
```

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

```
.border{ border-color:#5DE9FF }
```

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

Here you see how a box with a 4 pixel #5DE9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DE9FF; -webkit-box-shadow:4px 4px  
4px 4px #5DE9FF; box-shadow:4px 4px 4px  
4px #5DE9FF }
```

# Background

The CSS property to change the background color of an element to Hex 5DE9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DE9FF }
```

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

```
.background{ background-color:#5DE9FF }
```

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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