

# Converting Colors

Hex(5CEDFF)

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

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# **Color**

**Hex(5CEDFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CEDFF
RGB	92, 237, 255
RGB Percent	36%, 93%, 100%
CMY	0.6392, 0.0706, 0.0000
CMYK	0.64, 0.07, 0.00, 0.00
HSL	187°, 100%, 68%
HSV	187°, 64%, 100%
XYZ	52.7478, 70.0637, 105.3513
YIQ	195.6970, -92.1980, -25.1420

# Conversions

## Conversions Part 2

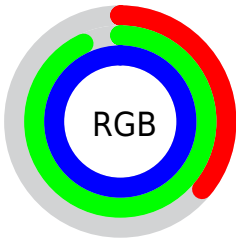
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">92, 169, 255</a>
Decimal	<a href="#">6090239</a>
CIELab	<a href="#">87.03, -33.20, -20.18</a>
CIELCh	<a href="#">87, 38.849, 211.294</a>
Yxy	<a href="#">70.0637, 0.2312, 0.3071</a>
Android (android.graphics.Color)	<a href="#">4284280319 (0xFF5CEDFF)</a>
YUV	<a href="#">195.6970, 29.2364, -90.9423</a>
Hunter-Lab	<a href="#">83.7041, -33.9967, -16.0305</a>

# Details

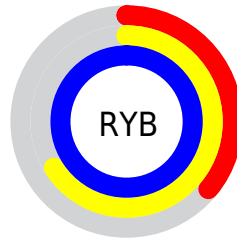
The Hex color **5CEDFF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **FF6E5C**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **9EFFFF**, 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 **76F0FF**.

# Distribution



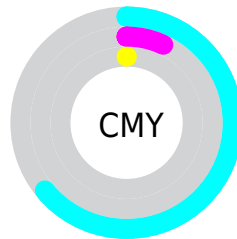
- Red (36%)
- Green (93%)
- Blue (100%)



- 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 5CEDFF 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 5CEDFF by changing the saturation by 10% instead.



 5CEDFF

 5CEDFF

FFFFFF

 33D1E2

 9EFFFF

 00B5C6

 BDFFFF

 009AAB

 DDFFFF

 007F90

 FCFFFF

 006677

 004D5E

 003646

 002230

 00011B

 5CEDFF

 5CEDFF

 43EAFB

 76F0FF

 29E7FF

 8FF3FF

 10E5FF

 A9F5FF

 00E3FF

 C2F8FF

 DCFBFF

 F5FEFF

FFFFFF

# Harmonies

## Analogous

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



75EEDA



5CEDFF



75E7FF

# Triad

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



5CEDFF



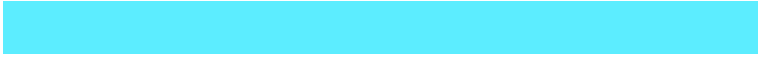
FFC4FE



F2D890

# Complementary

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



5CEDFF



FF6E5C

# 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.



FFCC9A



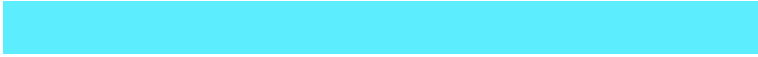
5CEDFF



FFBEDA

# Square

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



5CEDFF



E1D0FF



FFC1B5



CBE39A

# Rectangle

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



5CEDFF



98E1FF



FFC1B5

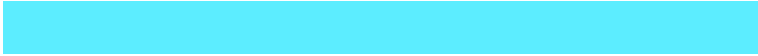


FDD491

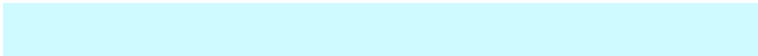


# Sweetspot

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



5CEDFF



CFFAFF



5CFF6C



627C80



000000



808080



# Same Dimension

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



5CEDFF



3BE9FF



5C9DFF



737E80



00AABF



003940



# Inverse Universe

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



FF5CED



FF3BE9



FFBE5C



80737E



BF00AA

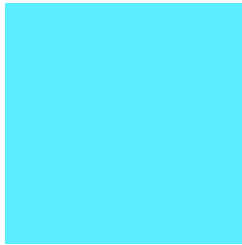


400039



# Previews

## White Background



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

## Color Contrast Check

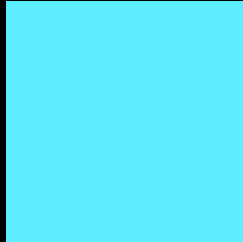
Large Text (above 18pt) WCAG AA × Fail

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 5CEDFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

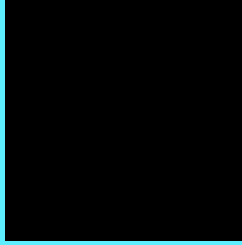
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5CEDFF Background



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

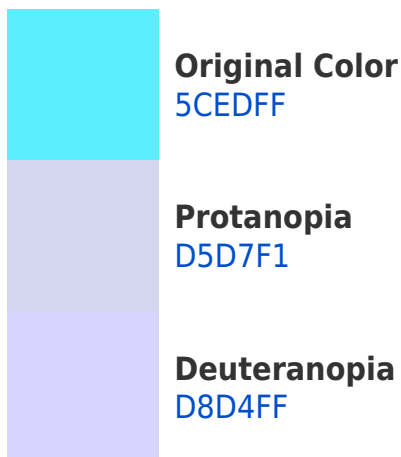


This preview shows how white text looks on a background with the Hex color 5CEDFF.

# 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



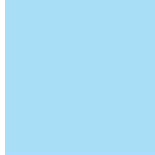


**Tritanopia**  
63ECFF

# Trichromacy



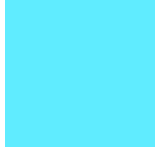
**Original Color**  
5CEDFF



**Protanomaly**  
A9DFF6



**Deuteranomaly**  
ABDDFF

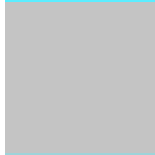


**Tritanomaly**  
60ECFF

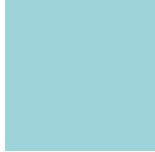
# Monochromacy



**Original Color**  
5CEDFF



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
9ED3D9

# CSS Examples

## Text

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

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

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 #5CEDFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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