

# Converting Colors

Hex(5ED0FF)

Have a look what the booklet for  
Hex(5ED0FF) contains.

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# **Color**

**Hex(5ED0FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5ED0FF
RGB	94, 208, 255
RGB Percent	37%, 82%, 100%
CMY	0.6314, 0.1843, 0.0000
CMYK	0.63, 0.18, 0.00, 0.00
HSL	198°, 100%, 68%
HSV	198°, 63%, 100%
XYZ	45.2220, 54.7114, 102.7847
YIQ	179.2720, -83.0310, -9.5510

# Conversions

## Conversions Part 2

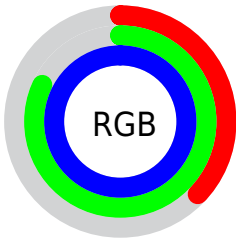
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 161, 255
Decimal	6213887
CIE <sub>Lab</sub>	78.87, -18.61, -32.62
CIE <sub>LCh</sub>	79, 37.550, 240.299
Yxy	54.7114, 0.2231, 0.2699
Android (android.graphics.Color)	4284403967 (0xFF5ED0FF)
YUV	179.2720, 37.3339, -74.7835
Hunter-Lab	73.9672, -20.3114, -30.6123

# Details

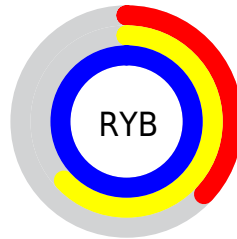
The Hex color **5ED0FF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **FF8D5E**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **9EFFFF**, and **009AC6** is the 20% darker color. If you saturate the color by 10%, you get **45C9FF**, and if you desaturate by 10%, it is **78D7FF**.

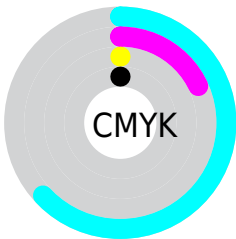
# Distribution



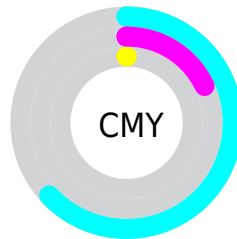
- Red (37%)
- Green (82%)
- Blue (100%)



- Red (37%)
- Yellow (63%)
- Blue (100%)



- Cyan (63%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (18%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5ED0FF 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 5ED0FF by changing the saturation by 10% instead.



 5ED0FF

 5ED0FF

FFFFFF

 39B4E2

 9EFFFF

 009AC6

 BDFFFF

 0080AB

 DBFFFF

 006690

 FAFFFF

 004E76

 00375D

 002245

 00042F

 000119

■ 5ED0FF

■ 5ED0FF

■ 45C9FF

■ 78D7FF

■ 2BC1FF

■ 91DFFF

■ 12BAFF

■ ABE6FF

■ 00B5FF

■ C4EEFF

■ DEF5FF

■ F7FDFF

FFFFFF

# Harmonies

## Analogous

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



46D5E5



5ED0FF



94C6FF

# Triad

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



5ED0FF



FFA9C4



B6CC86

# Complementary

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



5ED0FF



FF8D5E

# 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.



DBC17D



5ED0FF



FFACA2

# Square

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



5ED0FF



F0AFE6



F7B588



8DD3A0

# Rectangle

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



5ED0FF



B8BEFF



F7B588



C3C981

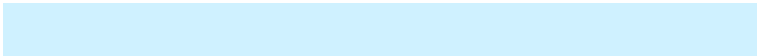


# Sweetspot

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



5ED0FF



CFF1FF



5EFF8C



627780



000000



808080



# Same Dimension

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



5ED0FF



3DC6FF



5E81FF



737C80



0087BF



002D40



# Inverse Universe

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



FF5ED0



FF3DC6



FFDC5E



80737C



BF0087

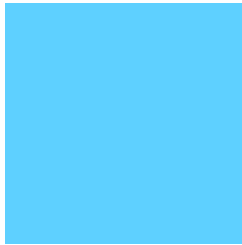


40002D



# Previews

## White Background



This preview shows how the Hex color 5ED0FF looks on a white background.

## Color Contrast Check

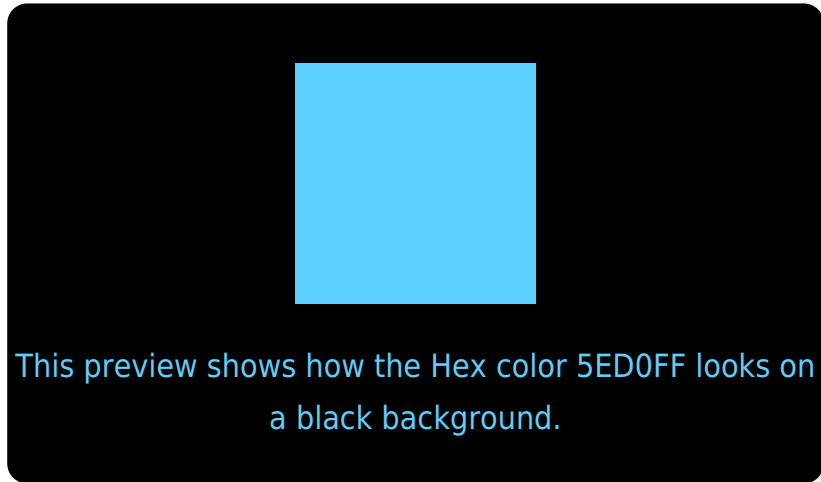
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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

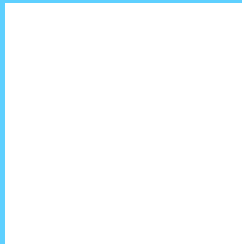
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5ED0FF Background



This preview shows how black text looks on a background with the Hex color 5ED0FF.

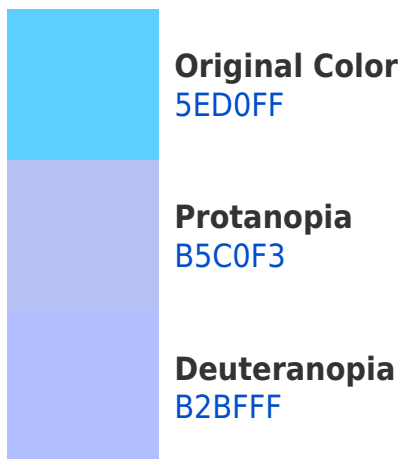


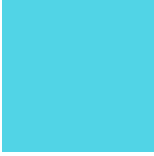
This preview shows how white text looks on a background with the Hex color 5ED0FF.

# 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](#).

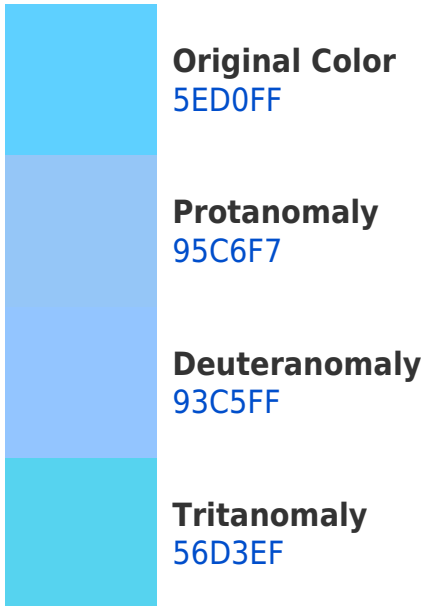
## Dichromacy





**Tritanopia**  
51D4E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5ED0FF 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 #5ED0FF looks like.

```
.text, #text, p{  
    color:#5ED0FF  
}
```

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 #5ED0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ED0FF  
}
```

## Border

The CSS property to change the border of an element to Hex 5ED0FF 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  
#5ED0FF }
```

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

```
.border{ border-color:#5ED0FF }
```

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

Here you see how a box with a 4 pixel #5ED0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ED0FF; -webkit-box-shadow:4px 4px  
4px 4px #5ED0FF; box-shadow:4px 4px 4px  
4px #5ED0FF }
```

# Background

The CSS property to change the background color of an element to Hex 5ED0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ED0FF }
```

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

```
.background{ background-color:#5ED0FF }
```

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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