

# Converting Colors

Hex(5ECBFF)

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

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

# **Color**

**Hex(5ECBFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5ECBFF
RGB	94, 203, 255
RGB Percent	37%, 80%, 100%
CMY	0.6314, 0.2039, 0.0000
CMYK	0.63, 0.20, 0.00, 0.00
HSL	199°, 100%, 68%
HSV	199°, 63%, 100%
XYZ	44.0220, 52.3116, 102.3847
YIQ	176.3370, -81.6560, -6.9360

# Conversions

## Conversions Part 2

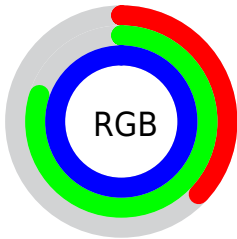
Format	Color
R <sub>Y</sub> B	94, 159, 255
Decimal	6212607
CIE Lab	77.47, -16.02, -34.79
CIE LCh	77, 38.301, 245.275
Yxy	52.3116, 0.2215, 0.2632
Android (android.graphics.Color)	4284402687 (0xFF5ECBFF)
YUV	176.3370, 38.7809, -72.2095
Hunter-Lab	72.3267, -17.9268, -33.3014

# Details

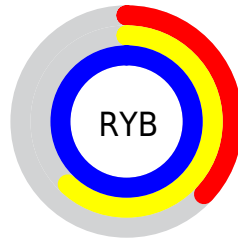
The Hex color **5ECBFF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **FF925E**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **9EFFFF**, and **0095C6** is the 20% darker color. If you saturate the color by 10%, you get **45C3FF**, and if you desaturate by 10%, it is **78D3FF**.

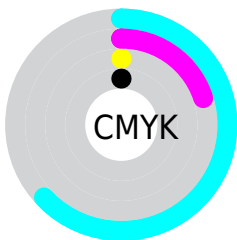
# Distribution



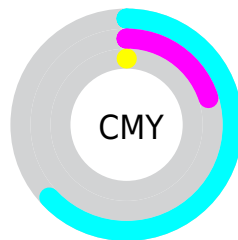
- Red (37%)
- Green (80%)
- Blue (100%)



- Red (37%)
- Yellow (62%)
- Blue (100%)



- Cyan (63%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (20%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 5ECBFF

 5ECBFF

FFFFFF

 39B0E2

 9EFFFF

 0095C6

 BCFFFF

 007BAB

 DBFFFF

 006290

 FAFFFF

 004A76

 00345D

 002045

 00042F

 000119

■ 5ECBFF

■ 5ECBFF

■ 45C3FF

■ 78D3FF

■ 2BBBFF

■ 91DBFF

■ 12B2FF

■ ABE4FF

■ 00ADFF

■ C4ECFF

■ DEF4FF

■ F7FCFF

FFFFFF

# Harmonies

## Analogous

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



3AD1E7



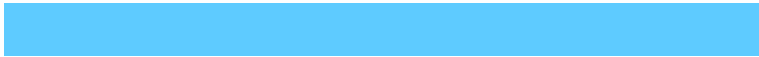
5ECBFF



98C1FF

# Triad

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



5ECBFF



FFA4BA



ABC984

# Complementary

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



5ECBFF



FF925E

# 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.



D1BF78



5ECBFF



FFA898

# Square

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



5ECBFF



F2A9DE



F0B380



80D0A1

# Rectangle

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



5ECBFF



BCB8FF



F0B380



B8C67E

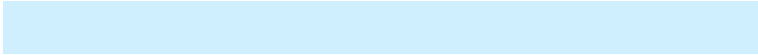


# Sweetspot

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



5ECBFF



CFEFFF



5EFF91



627680



000000



808080



# Same Dimension

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



5ECBFF



3DC0FF



5E7CFF



737B80



0081BF



002B40



# Inverse Universe

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



FF5ECB



FF3DC0



FFE15E



80737B



BF0081

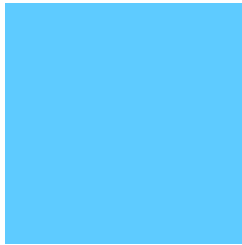


40002B



# Previews

## White Background



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

## Color Contrast Check

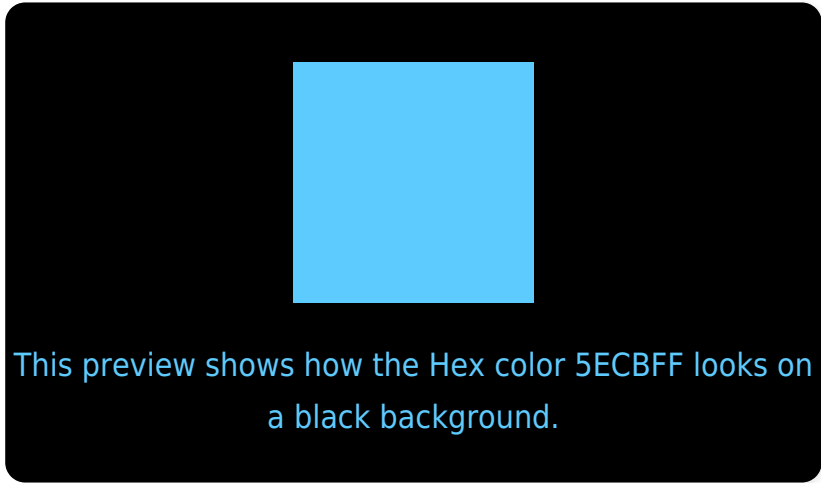
Large Text (above 18pt) WCAG AA × Fail

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

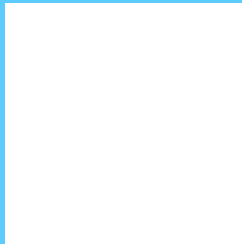
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5ECBFF Background



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



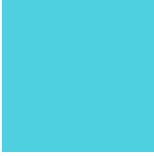
This preview shows how white text looks on a background with the Hex color 5ECBFF.

# 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](#).

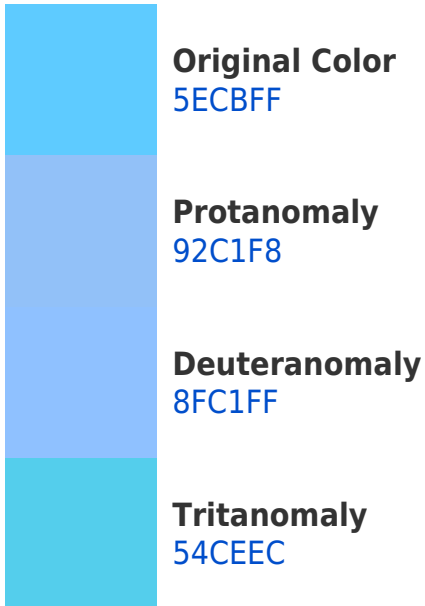
## Dichromacy



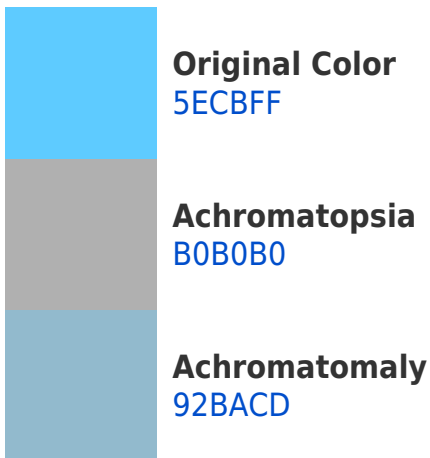


**Tritanopia**  
4FDOE1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #5ECBFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor