

Converting Colors

Hex(4EC9FF)

Have a look what the booklet for
Hex(4EC9FF) contains.

Hex(4EC9FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4EC9FF)

Conversions

Conversions Part 1

Format	Color
Hex	4EC9FF
RGB	78, 201, 255
RGB Percent	31%, 79%, 100%
CMY	0.6941, 0.2118, 0.0000
CMYK	0.69, 0.21, 0.00, 0.00
HSL	198°, 100%, 65%
HSV	198°, 69%, 100%
XYZ	42.0785, 50.6130, 102.1593
YIQ	170.3790, -90.6420, -9.2820

Conversions

Conversions Part 2

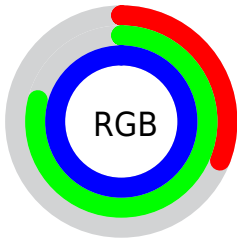
Format	Color
R _Y B	78, 151, 255
Decimal	5163519
CIE Lab	76.44, -17.39, -36.41
CIE LCh	76, 40.349, 244.469
Yxy	50.6130, 0.2160, 0.2598
Android (android.graphics.Color)	4283353599 (0xFF4EC9FF)
YUV	170.3790, 41.7182, -81.0164
Hunter-Lab	71.1428, -18.9233, -35.3390

Details

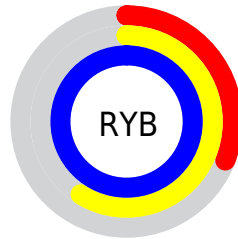
The Hex color **4EC9FF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF844E**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **92FFFF**, and **0093C6** is the 20% darker color. If you saturate the color by 10%, you get **35C1FF**, and if you desaturate by 10%, it is **68D1FF**.

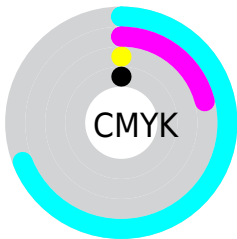
Distribution



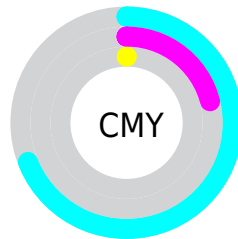
- Red (31%)
- Green (79%)
- Blue (100%)



- Red (31%)
- Yellow (59%)
- Blue (100%)



- Cyan (69%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EC9FF 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 4EC9FF by changing the saturation by 10% instead.

 4EC9FF

 4EC9FF

FFFFFF

 1EAEE2

 92FFFF

 0093C6

 B1FFFF

 0079AB

 D0FFFF

 006090

 EFFFFF

 004976

 00325D

 001E45

 00042F

 000119

 4EC9FF

 4EC9FF

 35C1FF

 68D1FF

 1BB9FF

 81D9FF

 02B2FF

 9BE0FF

 00B1FF

 B4E8FF

 CEF0FF

 E7F8FF

FFFFFF

Harmonies

Analogous

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



1CCFE6



4EC9FF



90BEFF

Triad

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



4EC9FF



FF9FB8



A8C77E

Complementary

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



4EC9FF



FF844E

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.



D0BC71



4EC9FF



FFA494

Square

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



4EC9FF



F0A5DD



F0AF7A



7BCE9B

Rectangle

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



4EC9FF



B7B5FF



F0AF7A



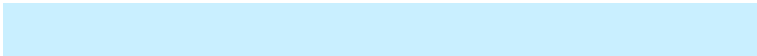
B6C477

Sweetspot

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



4EC9FF



C9EFFF



4EFF83



607680



000000



808080

Same Dimension

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



4EC9FF



2BBEFF



4E71FF



737C80



0085BF



002C40

Inverse Universe

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



FF4EC9



FF2BBE



FFDC4E



80737C



BF0085



40002C

Previews

White Background



This preview shows how the Hex color 4EC9FF looks on a white background.

Color Contrast Check

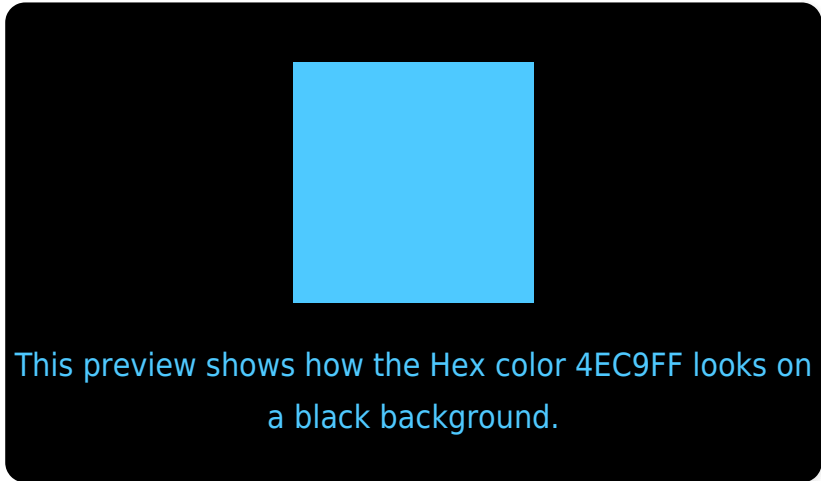
Large Text (above 18pt) WCAG AA × Fail

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

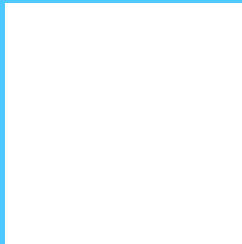
Any Text WCAG AAA ✓ Pass

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

Hex 4EC9FF Background



This preview shows how black text looks on a background with the Hex color 4EC9FF.

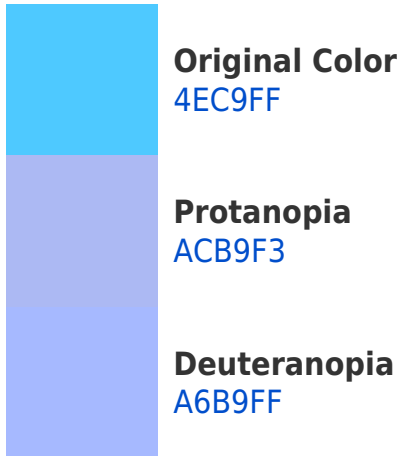


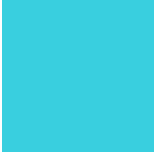
This preview shows how white text looks on a background with the Hex color 4EC9FF.

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](#).

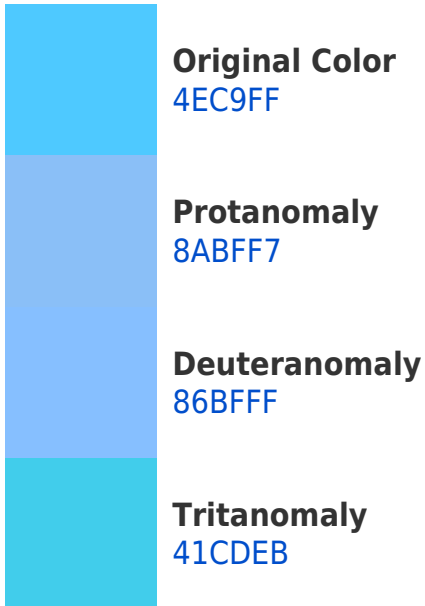
Dichromacy



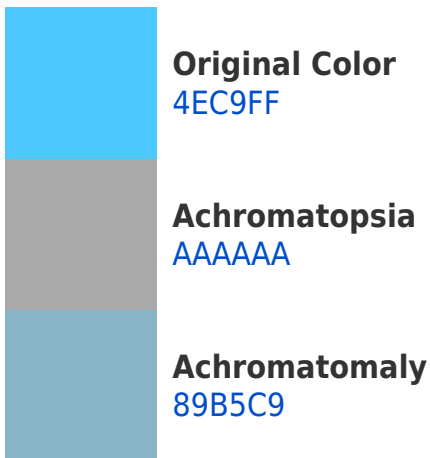


Tritanopia
39CFDF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EC9FF 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 #4EC9FF looks like.

```
.text, #text, p{  
    color:#4EC9FF  
}
```

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 #4EC9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EC9FF
}
```

Border

The CSS property to change the border of an element to Hex 4EC9FF 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
#4EC9FF }
```

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

```
.border{ border-color:#4EC9FF }
```

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

Here you see how a box with a 4 pixel #4EC9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EC9FF; -webkit-box-shadow:4px 4px  
4px 4px #4EC9FF; box-shadow:4px 4px 4px  
4px #4EC9FF }
```

Background

The CSS property to change the background color of an element to Hex 4EC9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EC9FF }
```

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

```
.background{ background-color:#4EC9FF }
```

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