

Converting Colors

Hex(4CE3FF)

Have a look what the booklet for
Hex(4CE3FF) contains.

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Color

Hex(4CE3FF)

Conversions

Conversions Part 1

Format	Color
Hex	4CE3FF
RGB	76, 227, 255
RGB Percent	30%, 89%, 100%
CMY	0.7020, 0.1098, 0.0000
CMYK	0.70, 0.11, 0.00, 0.00
HSL	189°, 100%, 65%
HSV	189°, 70%, 100%
XYZ	48.4996, 63.6947, 104.3458
YIQ	185.0430, -98.9840, -23.3040

Conversions

Conversions Part 2

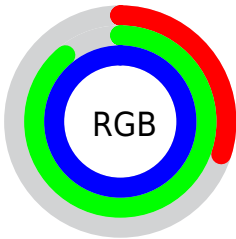
Format	Color
RYB	76, 158, 255
Decimal	5039103
CIELab	83.81, -30.65, -25.10
CIELCh	84, 39.619, 219.316
Yxy	63.6947, 0.2240, 0.2941
Android (android.graphics.Color)	4283229183 (0xFF4CE3FF)
YUV	185.0430, 34.4888, -95.6307
Hunter-Lab	79.8089, -31.1919, -21.6522

Details

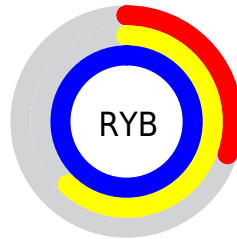
The Hex color **4CE3FF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF684C**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **92FFFF**, and **00ABC6** is the 20% darker color. If you saturate the color by 10%, you get **33DFFF**, and if you desaturate by 10%, it is **66E7FF**.

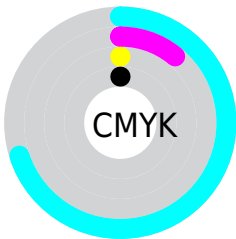
Distribution



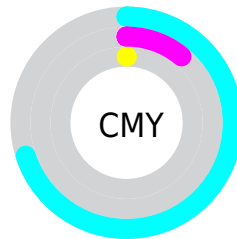
- Red (30%)
- Green (89%)
- Blue (100%)



- Red (30%)
- Yellow (62%)
- Blue (100%)



- Cyan (70%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CE3FF 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 4CE3FF by changing the saturation by 10% instead.

 4CE3FF

 4CE3FF

FFFFFF

 14C7E2

 92FFFF

 00ABC6

 B2FFFF

 0090AB

 D1FFFF

 007690

 F1FFFF

 005D77

 00455E

 002E46

 001830

 00011B

 4CE3FF

 4CE3FF

 33DFFF

 66E7FF

 19DBFF

 7FEBFF

 00D7FF

 99EFFF

 B2F3FF

 CCF7FF

 E5FBFF

FFFFFF

Harmonies

Analogous

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



5DE5DC



4CE3FF



75DCFF

Triad

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



4CE3FF



FFB8EC



DFD287

Complementary

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



4CE3FF



FF684C

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.



FFC68C



4CE3FF



FFB4C7

Square

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



4CE3FF



E5C3FF



FFBAA3



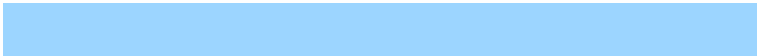
B6DD96

Rectangle

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



4CE3FF



9CD5FF



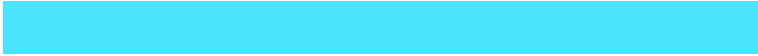
FFBAA3



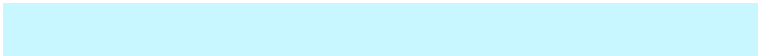
EBCE86

Sweetspot

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



4CE3FF



C9F7FF



4CFF67



607B80



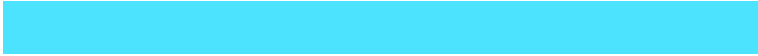
000000



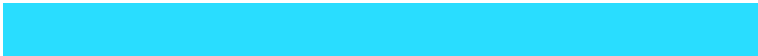
808080

Same Dimension

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



4CE3FF



29DDFF



4C8BFF



737E80



00A1BF



003640

Inverse Universe

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



FF4CE3



FF29DD



FFC04C



80737E



BF00A1



400036

Previews

White Background



This preview shows how the Hex color 4CE3FF looks on a white background.

Color Contrast Check

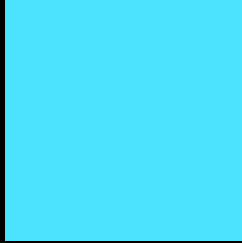
Large Text (above 18pt) WCAG AA × Fail

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 4CE3FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

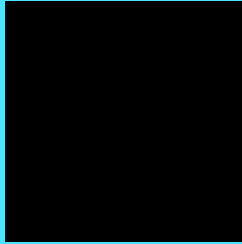
Any Text WCAG AA ✓ Pass

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 4CE3FF Background



This preview shows how black text looks on a background with the Hex color 4CE3FF.

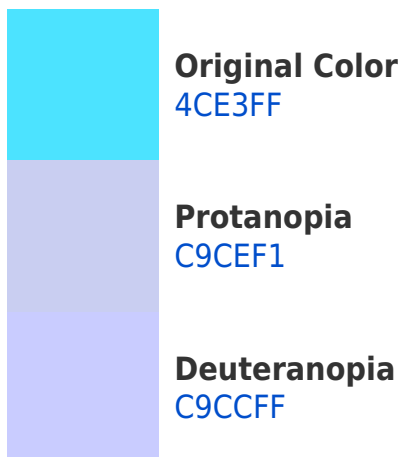


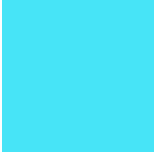
This preview shows how white text looks on a background with the Hex color 4CE3FF.

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](#).

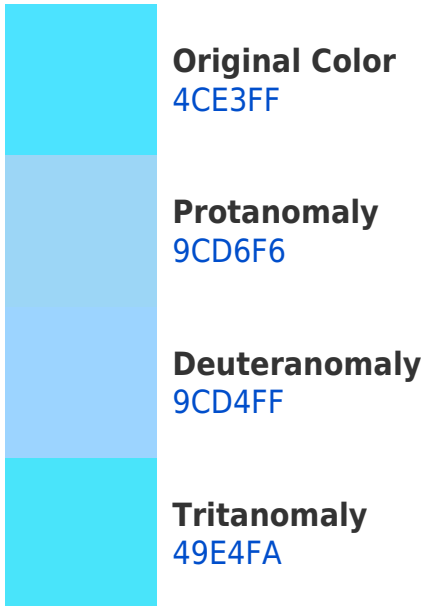
Dichromacy





Tritanopia
47E4F7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CE3FF 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 #4CE3FF looks like.

```
.text, #text, p{  
    color:#4CE3FF  
}
```

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 #4CE3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CE3FF
}
```

Border

The CSS property to change the border of an element to Hex 4CE3FF 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
#4CE3FF }
```

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

```
.border{ border-color:#4CE3FF }
```

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

Here you see how a box with a 4 pixel #4CE3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CE3FF; -webkit-box-shadow:4px 4px  
4px 4px #4CE3FF; box-shadow:4px 4px 4px  
4px #4CE3FF }
```

Background

The CSS property to change the background color of an element to Hex 4CE3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CE3FF }
```

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

```
.background{ background-color:#4CE3FF }
```

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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