

Converting Colors

Hex(4CEDFF)

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

Hex(4CEDFF)	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(4CEDFF)

Conversions

Conversions Part 1

Format	Color
Hex	4CEDFF
RGB	76, 237, 255
RGB Percent	30%, 93%, 100%
CMY	0.7020, 0.0706, 0.0000
CMYK	0.70, 0.07, 0.00, 0.00
HSL	186°, 100%, 65%
HSV	186°, 70%, 100%
XYZ	51.3147, 69.3249, 105.2842
YIQ	190.9130, -101.7340, -28.5340

Conversions

Conversions Part 2

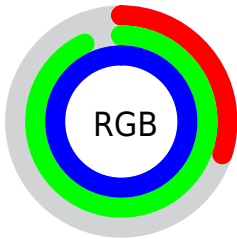
Format	Color
RYB	76, 161, 255
Decimal	5041663
CIELab	86.66, -35.39, -20.76
CIElCh	87, 41.028, 210.404
Yxy	69.3249, 0.2271, 0.3069
Android (android.graphics.Color)	4283231743 (0xFF4CEDFF)
YUV	190.9130, 31.5949, -100.7787
Hunter-Lab	83.2616, -35.6969, -16.6891

Details

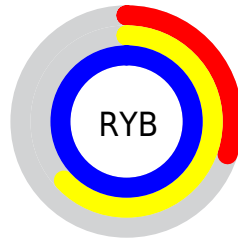
The Hex color **4CEDFF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF5E4C**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **93FFFF**, and **00B5C6** is the 20% darker color. If you saturate the color by 10%, you get **33EAFF**, and if you desaturate by 10%, it is **66F0FF**.

Distribution



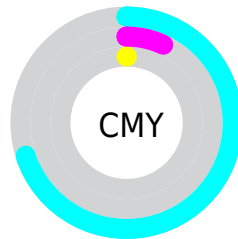
- Red (30%)
- Green (93%)
- Blue (100%)



- Red (30%)
- Yellow (63%)
- Blue (100%)



- Cyan (70%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients


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

 4CEDFF

 4CEDFF

FFFFFF

 11D0E2

 93FFFF

 00B5C6

 B3FFFF

 0099AB

 D3FFFF

 007F90

 F2FFFF

 006677

 004D5E

 003546

 002130

 00011B

 4CEDFF

 4CEDFF

 33EAFB

 66F0FF

 19E8FF

 7FF2FF

 00E5FF

 99F5FF

 B2F7FF

 CCFAFF

 E5FCFF

FFFFFF

Harmonies

Analogous

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



6CEED8



4CEDFF



67E7FF

Triad

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



4CEDFF



FFC2FF



F3D78B

Complementary

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



4CEDFF



FF5E4C

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.



FFC996



4CEDFF



FFBBDA

Square

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



4CEDFF



DFCFFF



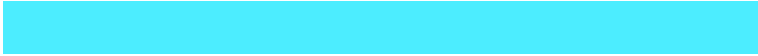
FFBEB3



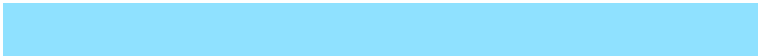
CAE295

Rectangle

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



4CEDFF



8FE1FF



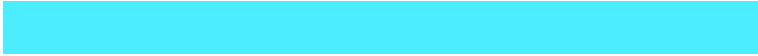
FFBEB3



FFD28C

Sweetspot

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



4CEDFF



C9FAFF



4CFF5E



607C80



000000



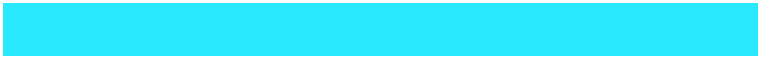
808080

Same Dimension

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



4CEDFF



29E9FF



4C94FF



737E80



00ACBF



003940

Inverse Universe

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



FF4CED



FF29E9



FFB74C



80737E



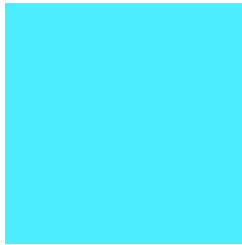
BF00AC



400039

Previews

White Background



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

Color Contrast Check

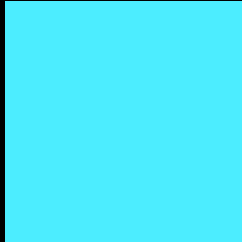
Large Text (above 18pt) WCAG AA × Fail

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 4CEDFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

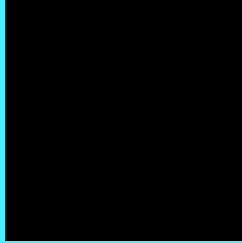
Any Text WCAG AA ✓ Pass

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 4CEDFF Background



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

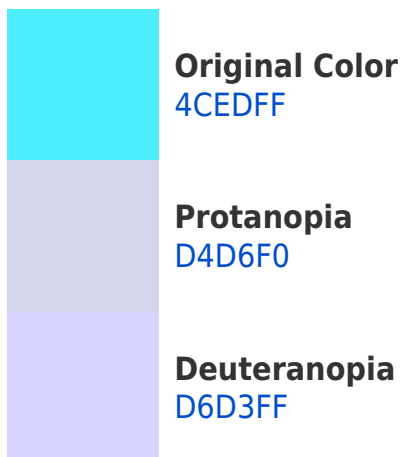


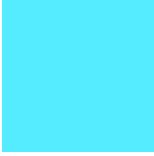
This preview shows how white text looks on a background with the Hex color 4CEDFF.

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



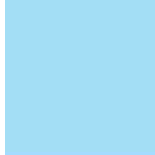


Tritanopia
55ECFF

Trichromacy



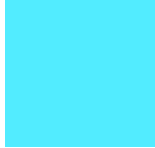
Original Color
4CEDFF



Protanomaly
A3DEF5



Deuteranomaly
A4DCFF

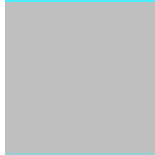


Tritanomaly
52ECFF

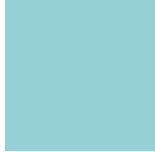
Monochromacy



Original Color
4CEDFF



Achromatopsia
BFBFBF



Achromatomaly
95D0D6

CSS Examples

Text

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

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

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 #4CEDFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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