

Converting Colors

Hex(4CEFFE)

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

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Color

Hex(4CEFFE)

Conversions

Conversions Part 1

Format	Color
Hex	4CEFFE
RGB	76, 239, 254
RGB Percent	30%, 94%, 100%
CMY	0.7020, 0.0627, 0.0039
CMYK	0.70, 0.06, 0.00, 0.00
HSL	185°, 99%, 65%
HSV	185°, 70%, 100%
XYZ	51.7364, 70.4253, 104.6326
YIQ	191.9730, -101.9630, -29.8910

Conversions

Conversions Part 2

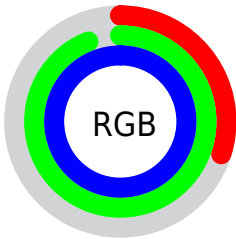
Format	Color
RYB	76, 161, 254
Decimal	5042174
CIELab	87.21, -36.60, -19.42
CIELCh	87, 41.437, 207.953
Yxy	70.4253, 0.2281, 0.3105
Android (android.graphics.Color)	4283232254 (0xFF4CEFFE)
YUV	191.9730, 30.5793, -101.7083
Hunter-Lab	83.9198, -36.8146, -15.1799

Details

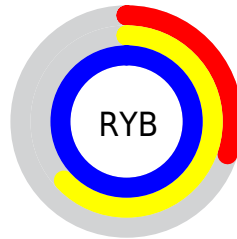
The Hex color **4CEFFE** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FE5B4C**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **93FFFF**, and **00B6C5** is the 20% darker color. If you saturate the color by 10%, you get **33EDFE**, and if you desaturate by 10%, it is **65F1FE**.

Distribution



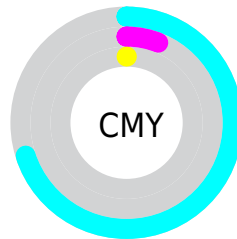
- Red (30%)
- Green (94%)
- Blue (100%)



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



- Cyan (70%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients


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

 4CEFFE

 4CEFFE

FFFFFF

 11D2E1

 93FFFF

 00B6C5

 B3FFFF

 009BAA

 D3FFFF


 008190

 F2FFFF

 006776

 004E5D

 003746

 00222F

 00011B

 4CEFFE

 4CEFFE

 33EDFE

 65F1FE

 19EBFE

 7FF3FE

 00E9FE

 98F5FE

 B2F8FE

 CBFAFE

 E4FCFE

 FEFEFE

FFFFFFE

Harmonies

Analogous

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



70F0D6



4CEFFE



63E9FF

Triad

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



4CEFFE



FFC4FF



F8D78B

Complementary

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



4CEFFE



FE5B4C

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.



FFCA99



4CEFFE



FFBDDF

Square

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



4CEFFE



DCD1FF



FFBFB8



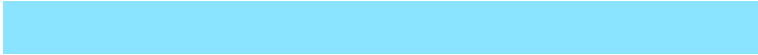
CFE394

Rectangle

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



4CEFFE



8AE3FF



FFBFB8



FFD38E

Sweetspot

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



4CEFFE



C9FAFF



4CFE5B



607D80



000000



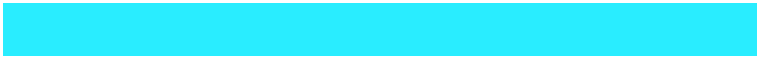
808080

Same Dimension

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



4CEFFE



29EDFF



4C96FE



737E80



00AFBF



003A40

Inverse Universe

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



FE4CEF



FF29ED



FEB44C



80737E



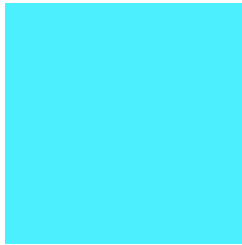
BF00AF



40003A

Previews

White Background



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

Color Contrast Check

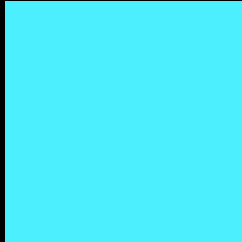
Large Text (above 18pt) WCAG AA × Fail

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 4CEFFE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

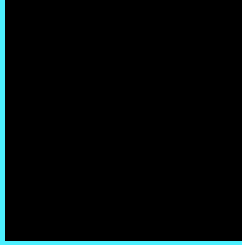
Any Text WCAG AA ✓ Pass

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 4CEFFE Background



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

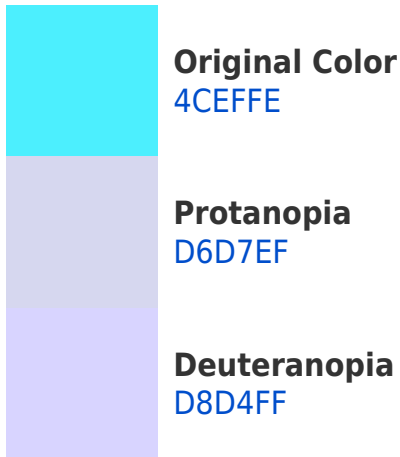


This preview shows how white text looks on a background with the Hex color 4CEFFE.

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



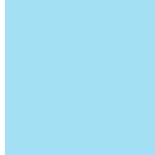


Tritanopia
61EDFF

Trichromacy



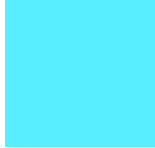
Original Color
4CEFFE



Protanomaly
A4E0F4



Deuteranomaly
A5DEFF

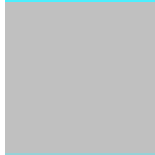


Tritanomaly
59EEFF

Monochromacy



Original Color
4CEFFE



Achromatopsia
C0C0C0



Achromatomaly
96D1D7

CSS Examples

Text

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

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

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 #4CEFFE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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