

Converting Colors

Hex(4CF4FE)

Have a look what the booklet for
Hex(4CF4FE) contains.

Hex(4CF4FE)	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(4CF4FE)

Conversions

Conversions Part 1

Format	Color
Hex	4CF4FE
RGB	76, 244, 254
RGB Percent	30%, 96%, 100%
CMY	0.7020, 0.0431, 0.0039
CMYK	0.70, 0.04, 0.00, 0.00
HSL	183°, 99%, 65%
HSV	183°, 70%, 100%
XYZ	53.2206, 73.3936, 105.1273
YIQ	194.9080, -103.3380, -32.5060

Conversions

Conversions Part 2

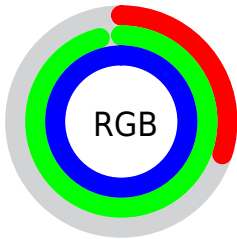
Format	Color
R _{YB}	76, 162, 254
Decimal	5043454
CIE Lab	88.64, -38.90, -17.27
CIE LCh	89, 42.560, 203.937
Yxy	73.3936, 0.2297, 0.3167
Android (android.graphics.Color)	4283233534 (0xFF4CF4FE)
YUV	194.9080, 29.1324, -104.2823
Hunter-Lab	85.6701, -39.0336, -12.7868

Details

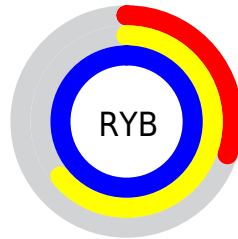
The Hex color **4CF4FE** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FE564C**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **93FFFF**, and **00BBC5** is the 20% darker color. If you saturate the color by 10%, you get **33F3FE**, and if you desaturate by 10%, it is **65F5FE**.

Distribution



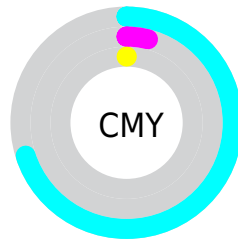
- Red (30%)
- Green (96%)
- Blue (100%)



- Red (30%)
- Yellow (64%)
- Blue (100%)



- Cyan (70%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CF4FE 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 4CF4FE by changing the saturation by 10% instead.

 4CF4FE

 4CF4FE

FFFFFF

 0FD7E1

 93FFFF

 00BBC5

 B4FFFF

 00A0AA

 D4FFFF

 008590

 F3FFFF

 006B76

 00525D

 003A46

 00262F

 00011B

 4CF4FE

 4CF4FE


 33F3FE

 65F5FE

 19F1FE

 7FF7FE

 00F0FE

 98F8FE

 B2FAFE

 CBFBBE

 E4FDFE

 FEFEFE

FFFFFFE

Harmonies

Analogous

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



77F4D5



4CF4FE



5BEFFF

Triad

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



4CF4FE



FFC9FF



FFD98E

Complementary

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



4CF4FE



FE564C

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.



FFCB9E



4CF4FE



FFC0E8

Square

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



4CF4FE



D8D7FF



FFC1C0



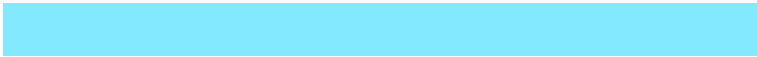
D8E693

Rectangle

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



4CF4FE



82E9FF



FFC1C0



FFD491

Sweetspot

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



4CF4FE



C9FCFF



4CFE55



607E80



000000



808080

Same Dimension

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



4CF4FE



29F3FF



4C9CFE



737F80



00B5BF



003C40

Inverse Universe

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



FE4CF4



FF29F3



FEAE4C



80737F



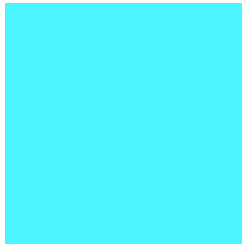
BF00B5



40003C

Previews

White Background



This preview shows how the Hex color 4CF4FE looks on a white background.

Color Contrast Check

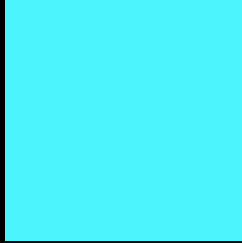
Large Text (above 18pt) WCAG AA × Fail

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 4CF4FE 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

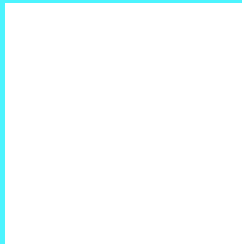
Any Text WCAG AAA ✓ Pass

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

Hex 4CF4FE Background



This preview shows how black text looks on a background with the Hex color 4CF4FE.

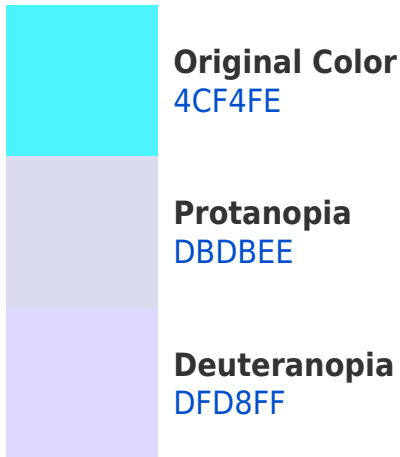


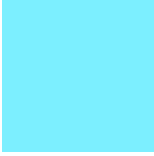
This preview shows how white text looks on a background with the Hex color 4CF4FE.

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



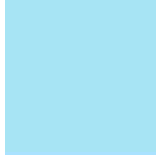


Tritanopia
7CEFF

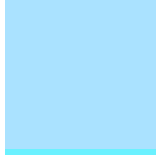
Trichromacy



Original Color
4CF4FE



Protanomaly
A7E4F4



Deuteranomaly
AAE2FF

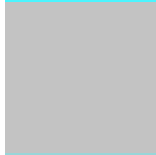


Tritanomaly
6BF1FF

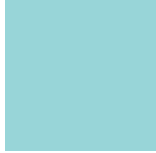
Monochromacy



Original Color
4CF4FE



Achromatopsia
C3C3C3



Achromatomaly
98D5D8

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CF4FE 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 #4CF4FE looks like.

```
.text, #text, p{  
    color:#4CF4FE  
}
```

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 #4CF4FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CF4FE
}
```

Border

The CSS property to change the border of an element to Hex 4CF4FE 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
#4CF4FE }
```

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

```
.border{ border-color:#4CF4FE }
```

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

Here you see how a box with a 4 pixel #4CF4FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CF4FE; -webkit-box-shadow:4px 4px  
4px 4px #4CF4FE; box-shadow:4px 4px 4px  
4px #4CF4FE }
```

Background

The CSS property to change the background color of an element to Hex 4CF4FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CF4FE }
```

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

```
.background{ background-color:#4CF4FE }
```

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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