

# Converting Colors

Hex(4EF4FE)

Have a look what the booklet for  
Hex(4EF4FE) contains.

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# Color

**Hex(4EF4FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4EF4FE
RGB	78, 244, 254
RGB Percent	31%, 96%, 100%
CMY	0.6941, 0.0431, 0.0039
CMYK	0.69, 0.04, 0.00, 0.00
HSL	183°, 99%, 65%
HSV	183°, 69%, 100%
XYZ	53.3820, 73.4768, 105.1349
YIQ	195.5060, -102.1460, -32.0820

# Conversions

## Conversions Part 2

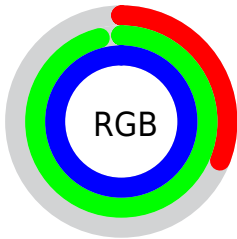
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 163, 254
Decimal	5174526
CIE <sub>Lab</sub>	88.67, -38.65, -17.20
CIE <sub>LCh</sub>	89, 42.310, 203.994
Y <sub>xy</sub>	73.4768, 0.2301, 0.3167
Android (android.graphics.Color)	4283364606 (0xFF4EF4FE)
YUV	195.5060, 28.8375, -103.0528
Hunter-Lab	85.7186, -38.8453, -12.7168

# Details

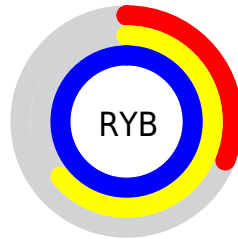
The Hex color **4EF4FE** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FE584E**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **95FFFF**, and **00BBC5** is the 20% darker color. If you saturate the color by 10%, you get **35F3FE**, and if you desaturate by 10%, it is **67F5FE**.

# Distribution



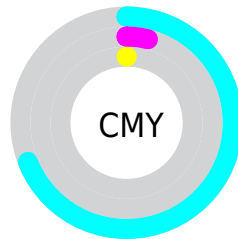
- Red (31%)
- Green (96%)
- Blue (100%)



- Red (31%)
- Yellow (64%)
- Blue (100%)



- Cyan (69%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (4%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4EF4FE 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 4EF4FE by changing the saturation by 10% instead.



 4EF4FE

 4EF4FE

FFFFFF

 16D7E1

 95FFFF

 00BBC5

 B5FFFF

 00A0AA

 D5FFFF

 008590

 F4FFFF

 006B76

 00525D

 003A46

 00262F

 00011B

 4EF4FE

 4EF4FE

 35F3FE

 67F5FE

 1BF1FE

 81F7FE

 02F0FE

 9AF8FE

 00F0FE

 B4FAFE

 CDFBFE

 E6FDFE

FFFEFE

FFFFFFE

# Harmonies

## Analogous

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



78F4D5



4EF4FE



5CEFFF

# Triad

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



4EF4FE



FFC9FF



FFD98E

# Complementary

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



4EF4FE



FE584E

# 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.



FFCC9F



4EF4FE



FFC0E8

# Square

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



4EF4FE



D8D7FF



FFC2C0



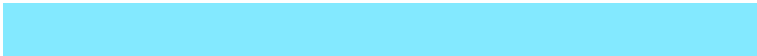
D9E694

# Rectangle

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



4EF4FE



83E9FF



FFC2C0



FFD591



# Sweetspot

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



4EF4FE



C9FCFF



4EFE57



607E80



000000



808080



# Same Dimension

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



4EF4FE



2BF3FF



4E9DFE



737F80



00B4BF



003C40



# Inverse Universe

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



FE4EF4



FF2BF3



FEAF4E



80737F



BF00B4

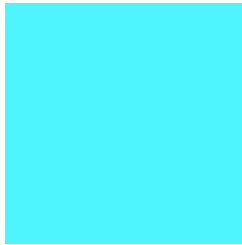


40003C



# Previews

## White Background



This preview shows how the Hex color 4EF4FE looks on a white background.

## Color Contrast Check

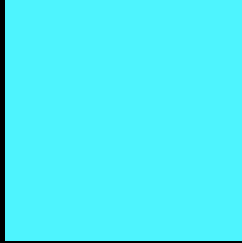
Large Text (above 18pt) WCAG AA × Fail

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 4EF4FE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

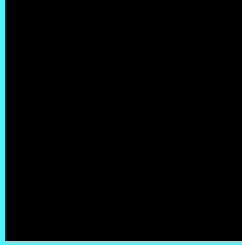
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4EF4FE Background



This preview shows how black text looks on a background with the Hex color 4EF4FE.

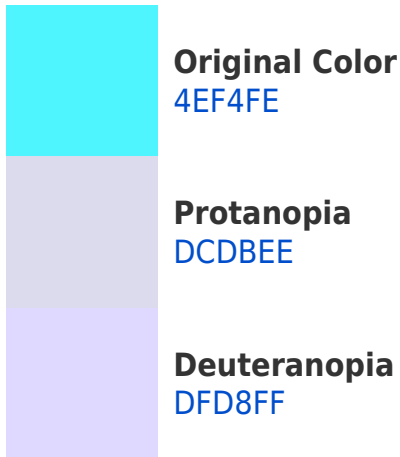


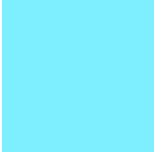
This preview shows how white text looks on a background with the Hex color 4EF4FE.

# 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



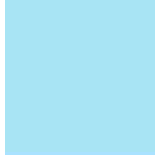


**Tritanopia**  
7DEFFF

# Trichromacy



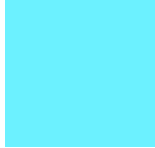
**Original Color**  
4EF4FE



**Protanomaly**  
A8E4F4



**Deuteranomaly**  
AAE2FF

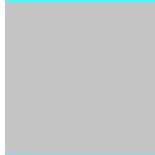


**Tritanomaly**  
6CF1FF

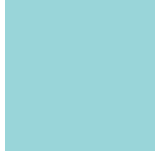
# Monochromacy



**Original Color**  
4EF4FE



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
99D5D9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4EF4FE 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 #4EF4FE looks like.

```
.text, #text, p{  
    color:#4EF4FE  
}
```

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 #4EF4FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EF4FE  
}
```

## Border

The CSS property to change the border of an element to Hex 4EF4FE 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  
#4EF4FE }
```

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

```
.border{ border-color:#4EF4FE }
```

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

Here you see how a box with a 4 pixel #4EF4FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EF4FE; -webkit-box-shadow:4px 4px  
4px 4px #4EF4FE; box-shadow:4px 4px 4px  
4px #4EF4FE }
```

# Background

The CSS property to change the background color of an element to Hex 4EF4FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EF4FE }
```

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

```
.background{ background-color:#4EF4FE }
```

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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