

# Converting Colors

Hex(4EFFF0)

Have a look what the booklet for  
Hex(4EFFF0) contains.

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# **Color**

**Hex(4EFFF0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4EFFF0
RGB	78, 255, 240
RGB Percent	31%, 100%, 94%
CMY	0.6941, 0.0000, 0.0588
CMYK	0.69, 0.00, 0.06, 0.00
HSL	175°, 100%, 65%
HSV	175°, 69%, 100%
XYZ	54.6301, 79.4310, 94.8905
YIQ	200.3670, -100.6770, -42.1890

# Conversions

## Conversions Part 2

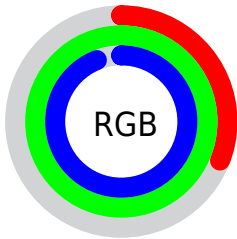
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 170, 255
Decimal	5177328
CIELab	91.43, -47.34, -5.81
CIELCh	91, 47.691, 187.003
Yxy	79.4310, 0.2386, 0.3469
Android (android.graphics.Color)	4283367408 (0xFF4EFFF0)
YUV	200.3670, 19.5391, -107.3159
Hunter-Lab	89.1241, -46.5526, -0.7393

# Details

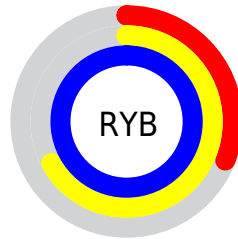
The Hex color **4EFFF0** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF4E5D**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **95FFFF**, and **00C5B8** is the 20% darker color. If you saturate the color by 10%, you get **35FFEE**, and if you desaturate by 10%, it is **68FFF2**.

# Distribution



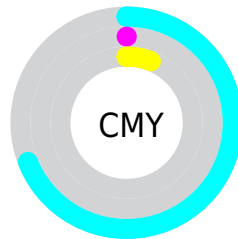
- Red (31%)
- Green (100%)
- Blue (94%)



- Red (31%)
- Yellow (67%)
- Blue (100%)



- Cyan (69%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (69%)
- Magenta (0%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4EFFF0 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 4EFFF0 by changing the saturation by 10% instead.



 4EFFF0

FFFFFF

 95FFFF

 B5FFFF

 D5FFFF


 F5FFFF

 4EFFF0

 16E2D4

 00C5B8

 00AA9D

 008F83

 00746A

 005B52

 00423B

 002C25

 000B11

 4EFFF0

 4EFFF0

 35FFEE

 68FFF2

 1BFFEC

 81FFF4

 02FFEA

 9BFFF6

 00FFE9

 B4FFF9

 CEFFFB

 E7FFFD

FFFFFF

# Harmonies

## Analogous

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



90FCC1



4EFFF0



11FDFF

# Triad

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



4EFFF0



FAD7FF



FFD793

# Complementary

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



4EFFF0



FF4E5D

# 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.



FFC9B2



4EFFF0



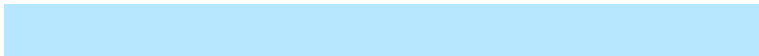
FFC8FF

# Square

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



4EFFF0



B6E7FF



FFC3DD



FAE78A

# Rectangle

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



4EFFF0



46F8FF



FFC3DD



FFD29B

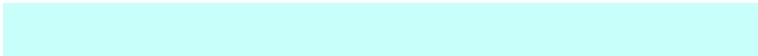


# Sweetspot

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



4EFFF0



C9FFFA



60FF4E



60807D



000000



808080



# Same Dimension

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



4EFFF0



2BFFED



4EB8FF



73807E



00BFAF



00403A



# Inverse Universe

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



FF4E5D



FF2B3D



FF954E



807374



BF0010

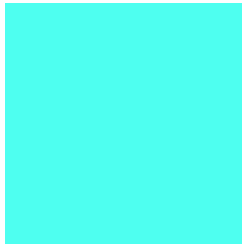


400005



# Previews

## White Background



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

## Color Contrast Check

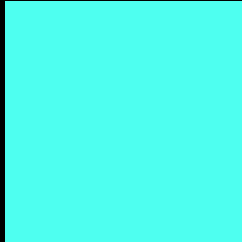
Large Text (above 18pt) WCAG AA × Fail

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 4EFFF0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

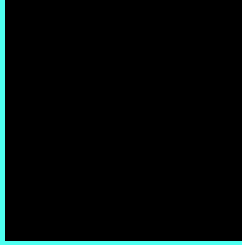
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4EFFF0 Background



This preview shows how black text looks on a background with the Hex color 4EFFF0.



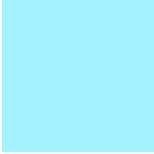
This preview shows how white text looks on a background with the Hex color 4EFFF0.

# 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](#).

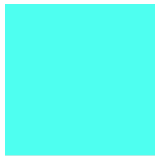
## Dichromacy



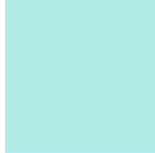


**Tritanopia**  
A4F2FF

# Trichromacy



**Original Color**  
4EFFF0



**Protanomaly**  
B1EDE6



**Deuteranomaly**  
B6EAF4

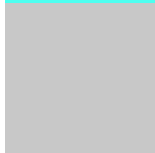


**Tritanomaly**  
85F7FA

# Monochromacy



**Original Color**  
4EFFF0



**Achromatopsia**  
C8C8C8



**Achromatomaly**  
9CDCD7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4EFFF0 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 #4EFFF0 looks like.

```
.text, #text, p{  
    color:#4EFFF0  
}
```

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 #4EFFF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EFFF0
}
```

## Border

The CSS property to change the border of an element to Hex 4EFFF0 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
#4EFFF0 }
```

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

```
.border{ border-color:#4EFFF0 }
```

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

Here you see how a box with a 4 pixel #4EFFF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EFFF0; -webkit-box-shadow:4px 4px  
4px 4px #4EFFF0; box-shadow:4px 4px 4px  
4px #4EFFF0 }
```

# Background

The CSS property to change the background color of an element to Hex 4EFFF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EFFF0 }
```

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

```
.background{ background-color:#4EFFF0 }
```

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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