

Converting Colors

Hex(4EFF7F)

Have a look what the booklet for
Hex(4EFF7F) contains.

Hex(4EFF7F)	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(4EFF7F)

Conversions

Conversions Part 1

Format	Color
Hex	4EFF7F
RGB	78, 255, 127
RGB Percent	31%, 100%, 50%
CMY	0.6941, 0.0000, 0.5020
CMYK	0.69, 0.00, 0.50, 0.00
HSL	137°, 100%, 65%
HSV	137°, 69%, 100%
XYZ	42.7327, 74.6720, 32.2396
YIQ	187.4850, -64.4040, -77.3320

Conversions

Conversions Part 2

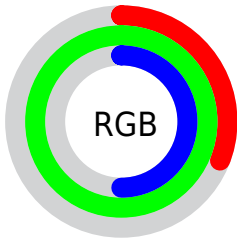
Format	Color
RYB	78, 217, 255
Decimal	5177215
CIELab	89.24, -70.58, 48.14
CIELCh	89, 85.434, 145.700
Yxy	74.6720, 0.2856, 0.4990
Android (android.graphics.Color)	4283367295 (0xFF4EFF7F)
YUV	187.4850, -29.8191, -96.0183
Hunter-Lab	86.4130, -62.9515, 38.3687

Details

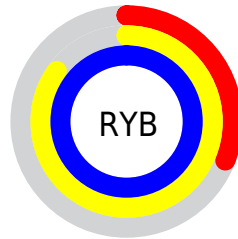
The Hex color **4EFF7F** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed spring green. A complement of this color would be **FF4ECE**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **93FFB6**, and **00C54A** is the 20% darker color. If you saturate the color by 10%, you get **35FF6D**, and if you desaturate by 10%, it is **68FF91**.

Distribution



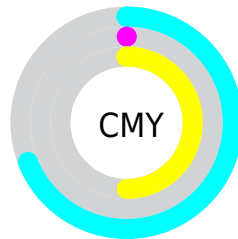
- Red (31%)
- Green (100%)
- Blue (50%)



- Red (31%)
- Yellow (85%)
- Blue (100%)



- Cyan (69%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)



- Cyan (69%)
- Magenta (0%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EFF7F 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 4EFF7F by changing the saturation by 10% instead.

 4EFF7F

 4EFF7F

FFFFFF

 1BE264

 93FFB6

 00C54A

 B3FFD2

 00A930

 D2FFE9

 008D12

 F1FFFF

 007200

 005800

 003F00

 002600

 000000

 4EFF7F

 4EFF7F

 35FF6D

 68FF91

 1BFF5A

 81FFA4

 02FF48

 9BFFB6

 00FF47

 B4FFC9

 CEFFDB

 E7FFEE

FFFFFF

Harmonies

Analogous

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



C5F03A



4EFF7F



00FFD1

Triad

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



4EFF7F



00EDFF



FF999E

Complementary

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



4EFF7F



FF4ECE

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.



FF92F0



4EFF7F



CAD0FF

Square

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



4EFF7F



00FFFF



FFABFF



FFB858

Rectangle

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



4EFF7F



00FFFF



FFABFF



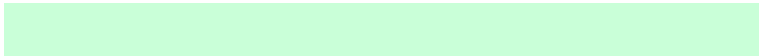
FF92B9

Sweetspot

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



4EFF7F



C9FFD8



D0FF4E



608068



000000



808080

Same Dimension

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



4EFF7F



2BFF66



4EFFD6



738076



00BF35



004012

Inverse Universe

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



FF4ECE



FF2BC4



FF4E77



80737C



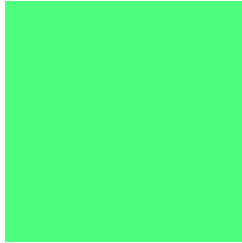
BF008A



40002E

Previews

White Background



This preview shows how the Hex color 4EFF7F 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 4EFF7F 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 4EFF7F Background



This preview shows how black text looks on a background with the Hex color 4EFF7F.

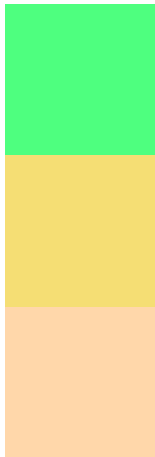


This preview shows how white text looks on a background with the Hex color 4EFF7F.

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](#).

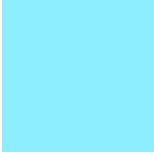
Dichromacy



Original Color
4EFF7F

Protanopia
F5DE74

Deuteranopia
FFD7AA



Tritanopia
8DEEFF

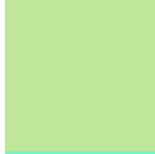
Trichromacy



Original Color
4EFF7F



Protanomaly
B8EA78



Deuteranomaly
BFE69A



Tritanomaly
76F4D0

Monochromacy



Original Color
4EFF7F



Achromatopsia
BBBBBB



Achromatomaly
93D4A5

CSS Examples

Text

The CSS property to change the color of the text to Hex 4EFF7F 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 #4EFF7F looks like.

```
.text, #text, p{  
    color:#4EFF7F  
}
```

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 #4EFF7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EFF7F
}
```

Border

The CSS property to change the border of an element to Hex 4EFF7F 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
#4EFF7F }
```

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

```
.border{ border-color:#4EFF7F }
```

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

Here you see how a box with a 4 pixel #4EFF7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EFF7F; -webkit-box-shadow:4px 4px  
4px 4px #4EFF7F; box-shadow:4px 4px 4px  
4px #4EFF7F }
```

Background

The CSS property to change the background color of an element to Hex 4EFF7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EFF7F }
```

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

```
.background{ background-color:#4EFF7F }
```

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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