

Converting Colors

Hex(4CFF7F)

Have a look what the booklet for
Hex(4CFF7F) contains.

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Color

Hex(4CFF7F)

Conversions

Conversions Part 1

Format	Color
Hex	4CFF7F
RGB	76, 255, 127
RGB Percent	30%, 100%, 50%
CMY	0.7020, 0.0000, 0.5020
CMYK	0.70, 0.00, 0.50, 0.00
HSL	137°, 100%, 65%
HSV	137°, 70%, 100%
XYZ	42.5713, 74.5888, 32.2320
YIQ	186.8870, -65.5960, -77.7560

Conversions

Conversions Part 2

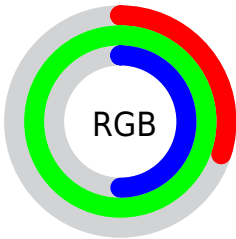
Format	Color
RYB	76, 215, 255
Decimal	5046143
CIELab	89.20, -70.89, 48.09
CIElCh	89, 85.662, 145.850
Yxy	74.5888, 0.2850, 0.4993
Android (android.graphics.Color)	4283236223 (0xFF4CFF7F)
YUV	186.8870, -29.5243, -97.2479
Hunter-Lab	86.3648, -63.1516, 38.3279

Details

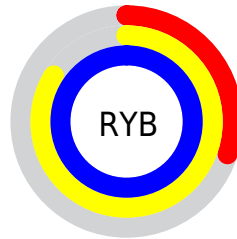
The Hex color **4CFF7F** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed spring green. A complement of this color would be **FF4CCC**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **91FFB6**, and **00C54A** is the 20% darker color. If you saturate the color by 10%, you get **33FF6D**, and if you desaturate by 10%, it is **66FF91**.

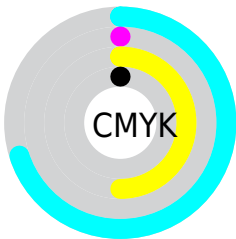
Distribution



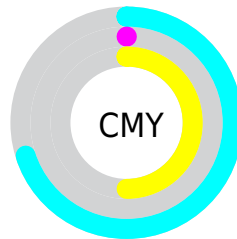
- Red (30%)
- Green (100%)
- Blue (50%)



- Red (30%)
- Yellow (84%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)



- Cyan (70%)
- Magenta (0%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CFF7F 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 4CFF7F by changing the saturation by 10% instead.

 4CFF7F

FFFFFF

 91FFB6

 B1FFD2

 D1FFE7

 F0FFFF

 4CFF7F

 16E264

 00C54A

 00A930

 008D12

 007200

 005800

 003F00

 002600

 000000

 4CFF7F

 4CFF7F

 33FF6D

 66FF91

 19FF5B

 7FFFA3

 00FF49

 99FFB6

 B2FFC8

 CCFFDA

 E5FFEC

FFFFFF

Harmonies

Analogous

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



C4F039



4CFF7F



00FFD2

Triad

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



4CFF7F



00EDFF



FF989E

Complementary

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



4CFF7F



FF4CCC

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.



FF91EF



4CFF7F



CBCFFF

Square

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



4CFF7F



00FFFF



FFABFF



FFB857

Rectangle

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



4CFF7F



00FFFF



FFABFF



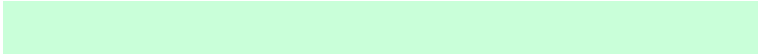
FF92B8

Sweetspot

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



4CFF7F



C9FFD9



CCFF4C



608069



000000



808080

Same Dimension

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



4CFF7F



29FF66



4CFFD8



738076



00BF36



004012

Inverse Universe

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



FF4CCC



FF29C2



FF4C73



80737C



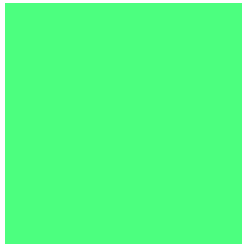
BF0089



40002E

Previews

White Background



This preview shows how the Hex color 4CFF7F looks on a white background.

Color Contrast Check

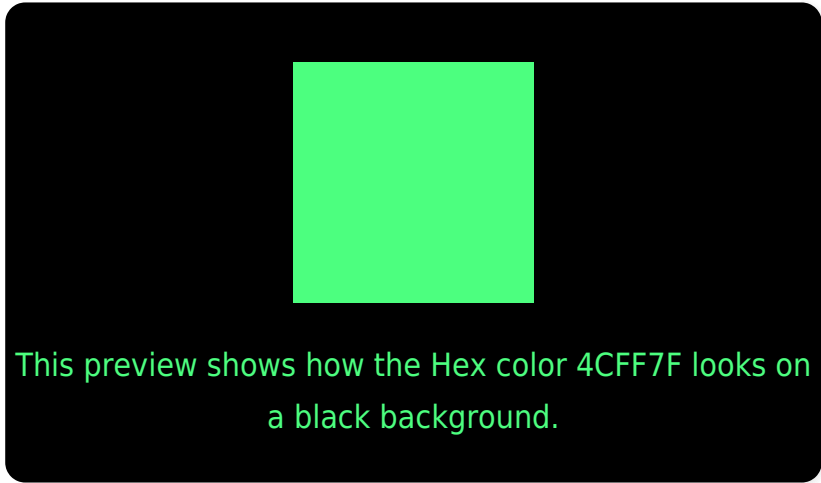
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

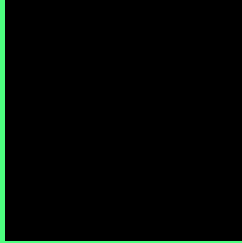
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

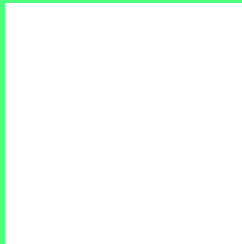
Any Text WCAG AAA ✓ Pass

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

Hex 4CFF7F Background



This preview shows how black text looks on a background with the Hex color 4CFF7F.

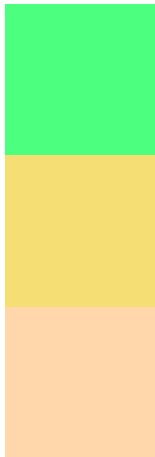


This preview shows how white text looks on a background with the Hex color 4CFF7F.

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](#).

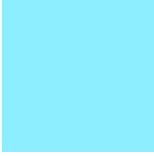
Dichromacy



Original Color
4CFF7F

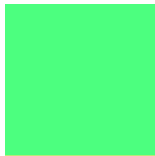
Protanopia
F5DE74

Deuteranopia
FFD7AA



Tritanopia
8CEEFF

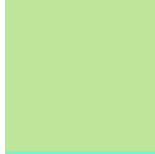
Trichromacy



Original Color
4CFF7F



Protanomaly
B8EA78



Deuteranomaly
BEE69A



Tritanomaly
75F4D0

Monochromacy



Original Color
4CFF7F



Achromatopsia
BBBBBB



Achromatomaly
93D4A5

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CFF7F 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 #4CFF7F looks like.

```
.text, #text, p{  
    color:#4CFF7F  
}
```

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 #4CFF7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CFF7F
}
```

Border

The CSS property to change the border of an element to Hex 4CFF7F 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
#4CFF7F }
```

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

```
.border{ border-color:#4CFF7F }
```

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

Here you see how a box with a 4 pixel #4CFF7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CFF7F; -webkit-box-shadow:4px 4px  
4px 4px #4CFF7F; box-shadow:4px 4px 4px  
4px #4CFF7F }
```

Background

The CSS property to change the background color of an element to Hex 4CFF7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CFF7F }
```

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

```
.background{ background-color:#4CFF7F }
```

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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