

Converting Colors

Hex(4CFF86)

Have a look what the booklet for
Hex(4CFF86) contains.

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Color

Hex(4CFF86)

Conversions

Conversions Part 1

Format	Color
Hex	4CFF86
RGB	76, 255, 134
RGB Percent	30%, 100%, 53%
CMY	0.7020, 0.0000, 0.4745
CMYK	0.70, 0.00, 0.47, 0.00
HSL	139°, 100%, 65%
HSV	139°, 70%, 100%
XYZ	43.0436, 74.7777, 34.7192
YIQ	187.6850, -67.8430, -75.5790

Conversions

Conversions Part 2

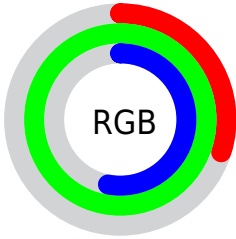
Format	Color
RYB	76, 211, 255
Decimal	5046150
CIELab	89.29, -69.86, 44.90
CIELCh	89, 83.046, 147.275
Yxy	74.7777, 0.2822, 0.4902
Android (android.graphics.Color)	4283236230 (0xFF4CFF86)
YUV	187.6850, -26.4667, -97.9477
Hunter-Lab	86.4741, -62.4791, 36.7271

Details

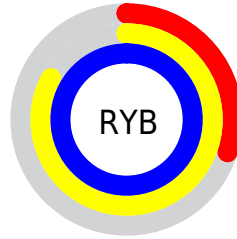
The Hex color **4CFF86** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **FF4CC5**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **91FFBD**, and **00C552** is the 20% darker color. If you saturate the color by 10%, you get **33FF75**, and if you desaturate by 10%, it is **66FF97**.

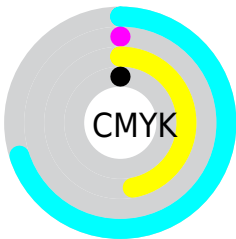
Distribution



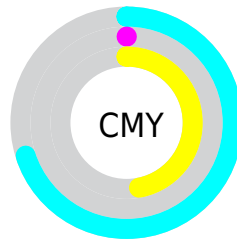
- Red (30%)
- Green (100%)
- Blue (53%)



- Red (30%)
- Yellow (83%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (47%)
- Black (0%)



- Cyan (70%)
- Magenta (0%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CFF86 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 4CFF86 by changing the saturation by 10% instead.

 4CFF86

 4CFF86

FFFFFF

 16E26C

 91FFBD

 00C552

 B1FFD9

 00A938

 D0FFF6

 008D1D

 F0FFFF

 007200

 005800

 003F00

 002600

 000000

 4CFF86

 4CFF86

 33FF75

 66FF97

 19FF64

 7FFFA8

 00FF53

 99FFBA

 B2FFCB

 CCFFDC

 E5FFED

FFFFFF

Harmonies

Analogous

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



C2F144



4CFF86



00FFD6

Triad

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



4CFF86



00ECFF



FF9D9C

Complementary

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



4CFF86



FF4CC5

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.



FF95EB



4CFF86



D3CEFF

Square

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



4CFF86



00FEFF



FFACFF



FFB59

Rectangle

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



4CFF86



00FFFF



FFACFF



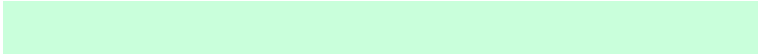
FF97B6

Sweetspot

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



4CFF86



C9FFDB



C6FF4C



60806A



000000



808080

Same Dimension

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



4CFF86



29FF6E



4CFFDE



738077



00BF3E



004015

Inverse Universe

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



FF4CC5



FF29BA



FF4C6D



80737B



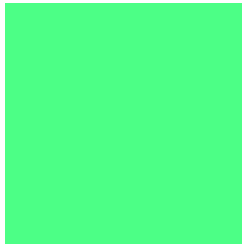
BF0081



40002B

Previews

White Background



This preview shows how the Hex color 4CFF86 looks on a white background.

Color Contrast Check

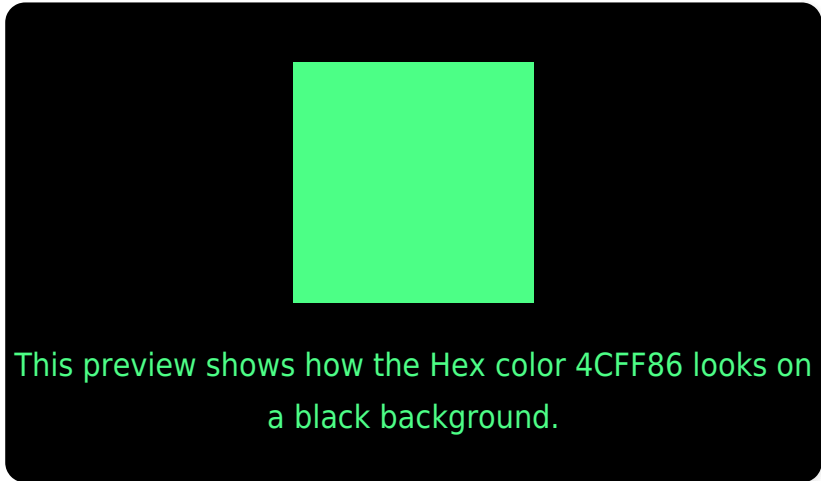
Large Text (above 18pt) WCAG AA × Fail

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 4CFF86 Background



This preview shows how black text looks on a background with the Hex color 4CFF86.

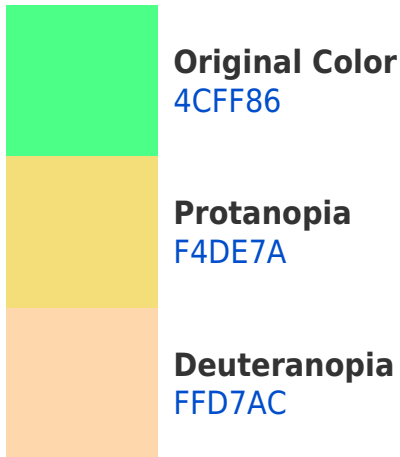


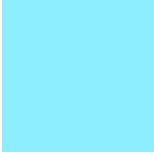
This preview shows how white text looks on a background with the Hex color 4CFF86.

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](#).

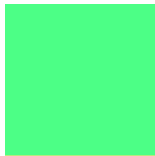
Dichromacy





Tritanopia
8DEEFF

Trichromacy



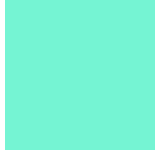
Original Color
4CFF86



Protanomaly
B7EA7E

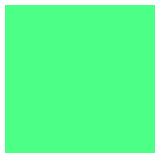


Deuteranomaly
BEE69E



Tritanomaly
75F4D3

Monochromacy



Original Color
4CFF86



Achromatopsia
BCBCBC



Achromatomaly
93D4A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CFF86 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 #4CFF86 looks like.

```
.text, #text, p{  
    color:#4CFF86  
}
```

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 #4CFF86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CFF86
}
```

Border

The CSS property to change the border of an element to Hex 4CFF86 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
#4CFF86 }
```

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

```
.border{ border-color:#4CFF86 }
```

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

Here you see how a box with a 4 pixel #4CFF86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CFF86; -webkit-box-shadow:4px 4px  
4px 4px #4CFF86; box-shadow:4px 4px 4px  
4px #4CFF86 }
```

Background

The CSS property to change the background color of an element to Hex 4CFF86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CFF86 }
```

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

```
.background{ background-color:#4CFF86 }
```

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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