

# Converting Colors

Hex(2CFFAE)

Have a look what the booklet for  
Hex(2CFFAE) contains.

<b>Hex(2CFFAE)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(2CFFAE)

# Conversions

## Conversions Part 1

Format	Color
Hex	2CFFAE
RGB	44, 255, 174
RGB Percent	17%, 100%, 68%
CMY	0.8275, 0.0000, 0.3176
CMYK	0.83, 0.00, 0.32, 0.00
HSL	157°, 100%, 59%
HSV	157°, 83%, 100%
XYZ	44.4387, 75.1115, 52.2002
YIQ	182.6770, -99.7550, -69.9230

# Conversions

## Conversions Part 2

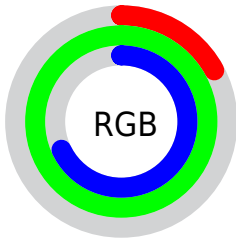
Format	Color
<a href="#">RYB</a>	<a href="#">44, 175, 255</a>
Decimal	<a href="#">2949038</a>
CIELab	<a href="#">89.45, -66.43, 25.27</a>
CIELCh	<a href="#">89, 71.078, 159.174</a>
Yxy	<a href="#">75.1115, 0.2587, 0.4373</a>
Android (android.graphics.Color)	<a href="#">4281139118 (0xFF2CFFAE)</a>
YUV	<a href="#">182.6770, -4.2778, -121.6197</a>
Hunter-Lab	<a href="#">86.6669, -60.1406, 24.9559</a>

# Details

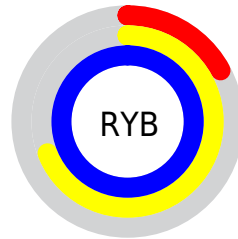
The Hex color **2CFFAE** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **FF2C7D**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **7FFFE6**, and **00C579** is the 20% darker color. If you saturate the color by 10%, you get **13FFA4**, and if you desaturate by 10%, it is **46FFB8**.

# Distribution



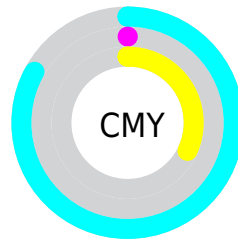
- Red (17%)
- Green (100%)
- Blue (68%)



- Red (17%)
- Yellow (69%)
- Blue (100%)



- Cyan (83%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)



- Cyan (83%)
- Magenta (0%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2CFFAE 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 2CFFAE by changing the saturation by 10% instead.



 2CFFAE

 2CFFAE

FFFFFF

 00E293

 7FFFE6

 00C579

 A0FFFF

 00A960

 C1FFFF

 008D48

 E0FFFF

 007230

 00581A

 003F02

 002600

 000000

 2CFFAE

 2CFFAE

 13FFA4

 46FFB8

 00FF9D

 5FFFC2

 79FFCB

 92FFD5

 ACFFDF

 C5FFE9

 DFFFF3

 F8FFFC

FFFFFF

# Harmonies

## Analogous

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



AAF572



2CFFAE



00FF4

# Triad

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



2CFFAE



89E1FF



FFB38E

# Complementary

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



2CFFAE



FF2C7D

# 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.



FFA4CF



2CFFAE



FFC6FF

# Square

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



2CFFAE



00F5FF



FFADFF



FFCC5F

# Rectangle

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



2CFFAE



00FFFF



FFADFF



FFACA2

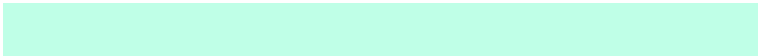


# Sweetspot

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



2CFFAE



BFFFE7



80FF2C



598071



000000



808080



# Same Dimension

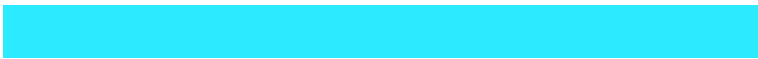
The Same Dimension uses a secret algorithm to generate beautiful new colors.



2CFFAE



03FF9E



2CEAFF



73807B



00BF76



004027



# Inverse Universe

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



FF2C7D



FF0363



FF412C



807378



BF0049

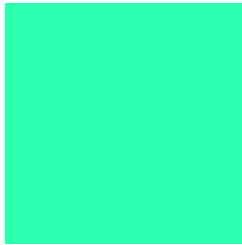


400018



# Previews

## White Background



This preview shows how the Hex color 2CFFAE 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 2CFFAE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

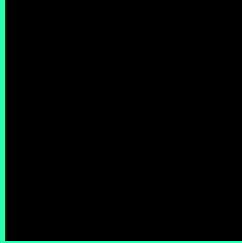
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 2CFFAE Background



This preview shows how black text looks on a background with the Hex color 2CFFAE.

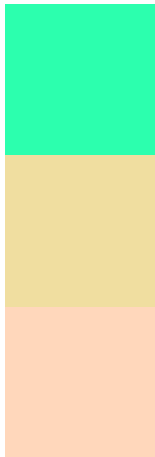


This preview shows how white text looks on a background with the Hex color 2CFFAE.

# 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](#).

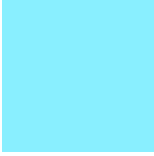
## Dichromacy



**Original Color**  
2CFFAE

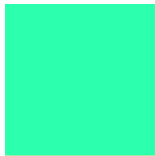
**Protanopia**  
F0DEA0

**Deuteranopia**  
FFD7BB

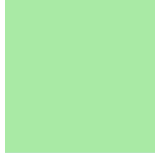


**Tritanopia**  
89EFFF

# Trichromacy



**Original Color**  
2CFFAE



**Protanomaly**  
A9EAA5



**Deuteranomaly**  
B2E6B6

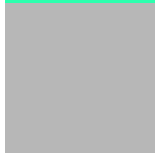


**Tritanomaly**  
67F5E2

# Monochromacy



**Original Color**  
2CFFAE



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
84D1B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2CFFAE 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 #2CFFAE looks like.

```
.text, #text, p{  
    color:#2CFFAE  
}
```

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 #2CFFAE colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Hex 2CFFAE 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
#2CFFAE }
```

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

```
.border{ border-color:#2CFFAE }
```

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

Here you see how a box with a 4 pixel #2CFFAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CFFAE; -webkit-box-shadow:4px 4px  
4px 4px #2CFFAE; box-shadow:4px 4px 4px  
4px #2CFFAE }
```

# Background

The CSS property to change the background color of an element to Hex 2CFFAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CFFAE }
```

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

```
.background{ background-color:#2CFFAE }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor