

Converting Colors

Hex(0CFFAE)

Have a look what the booklet for
Hex(0CFFAE) contains.

Hex(0CFFAE)	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(0CFFAE)

Conversions

Conversions Part 1

Format	Color
Hex	0CFFAE
RGB	12, 255, 174
RGB Percent	5%, 100%, 68%
CMY	0.9529, 0.0000, 0.3176
CMYK	0.95, 0.00, 0.32, 0.00
HSL	160°, 100%, 52%
HSV	160°, 95%, 100%
XYZ	43.5516, 74.6542, 52.1587
YIQ	173.1090, -118.8270, -76.7070

Conversions

Conversions Part 2

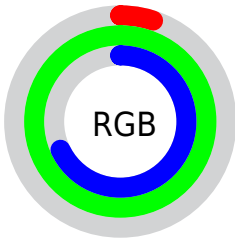
Format	Color
RYB	12, 158, 255
Decimal	851886
CIELab	89.23, -68.11, 24.94
CIELCh	89, 72.533, 159.887
Yxy	74.6542, 0.2556, 0.4382
Android (android.graphics.Color)	4279041966 (0xFF0CFFAE)
YUV	173.1090, 0.4393, -141.2926
Hunter-Lab	86.4026, -61.2310, 24.6902

Details

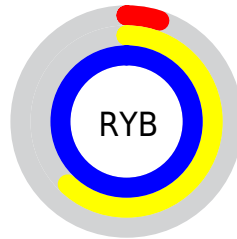
The Hex color **0CFFAE** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **FF0C5D**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **75FFE6**, and **00C579** is the 20% darker color. If you saturate the color by 10%, you get **00FFAA**, and if you desaturate by 10%, it is **26FFB6**.

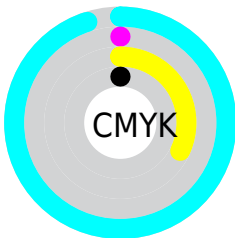
Distribution



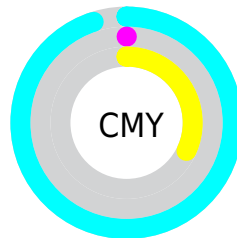
- Red (5%)
- Green (100%)
- Blue (68%)



- Red (5%)
- Yellow (62%)
- Blue (100%)



- Cyan (95%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)



- Cyan (95%)
- Magenta (0%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CFFAE 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 0CFFAE by changing the saturation by 10% instead.

 0CFFAE

 0CFFAE

FFFFFF

 00E293

 75FFE6

 00C579

 98FFFF

 00A960

 B9FFFF

 008D48

 D9FFFF

 007230

 F9FFFF

 00581A

 003F02

 002600

 000000

 0CFFAE

 0CFFAE

 00FFAA

 26FFB6

 3FFFFB

 59FFC7

 72FFD0

 8CFFD9

 A5FFE1

 BFFFEA

 D8FFF2

 F2FFFB

Harmonies

Analogous

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



A6F570



0CFFAE



00FFF6

Triad

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



0CFFAE



89E0FF



FFB18B

Complementary

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



0CFFAE



FF0C5D

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.



FFA2CC



0CFFAE



FFC4FF

Square

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



0CFFAE



00F4FF



FFAAFF



FFCC5B

Rectangle

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



0CFFAE



00FFFF



FFAAFF



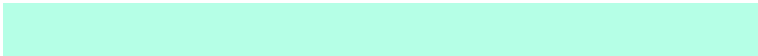
FFAA9F

Sweetspot

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



0CFFAE



B5FFE6



5DFF0C



538071



000000



808080

Same Dimension

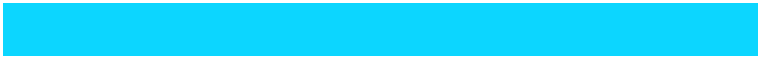
The Same Dimension uses a secret algorithm to generate beautiful new colors.



0CFFAE



00FFAA



0CD6FF



73807B



00BF7F



00402A

Inverse Universe

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



FF0C5D



FF0055



FF350C



807377



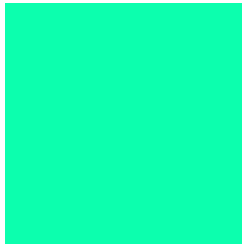
BF0040



400015

Previews

White Background



This preview shows how the Hex color 0CFFAE looks on a white background.

Color Contrast Check

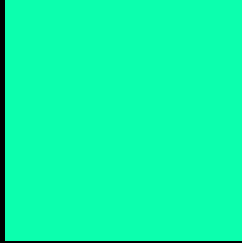
Large Text (above 18pt) WCAG AA × Fail

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 0CFFAE 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 0CFFAE Background



This preview shows how black text looks on a background with the Hex color 0CFFAE.

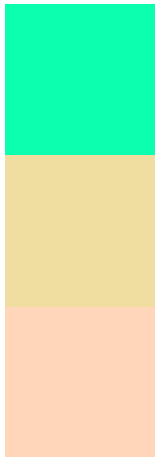


This preview shows how white text looks on a background with the Hex color 0CFFAE.

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](#).

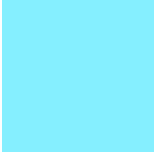
Dichromacy



Original Color
0CFFAE

Protanopia
EFDE9F

Deuteranopia
FFD6BA

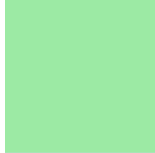


Tritanopia
85EFFF

Trichromacy



Original Color
0CFFAE



Protanomaly
9CEAA4



Deuteranomaly
A7E5B6

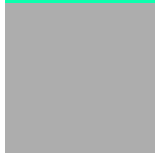


Tritanomaly
59F5E2

Monochromacy



Original Color
0CFFAE



Achromatopsia
ADADAD



Achromatomaly
72CBAD

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CFFAE 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 #0CFFAE looks like.

```
.text, #text, p{  
    color:#0CFFAE  
}
```

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 #0CFFAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CFFAE
}
```

Border

The CSS property to change the border of an element to Hex 0CFFAE 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
#0CFFAE }
```

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

```
.border{ border-color:#0CFFAE }
```

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

Here you see how a box with a 4 pixel #0CFFAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CFFAE; -webkit-box-shadow:4px 4px  
4px 4px #0CFFAE; box-shadow:4px 4px 4px  
4px #0CFFAE }
```

Background

The CSS property to change the background color of an element to Hex 0CFFAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CFFAE }
```

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

```
.background{ background-color:#0CFFAE }
```

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