

Converting Colors

Hex(0CFFA7)

Have a look what the booklet for
Hex(0CFFA7) contains.

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Color

Hex(0CFFA7)

Conversions

Conversions Part 1

Format	Color
Hex	0CFFA7
RGB	12, 255, 167
RGB Percent	5%, 100%, 65%
CMY	0.9529, 0.0000, 0.3451
CMYK	0.95, 0.00, 0.35, 0.00
HSL	158°, 100%, 52%
HSV	158°, 95%, 100%
XYZ	42.8867, 74.3882, 48.6572
YIQ	172.3110, -116.5800, -78.8840

Conversions

Conversions Part 2

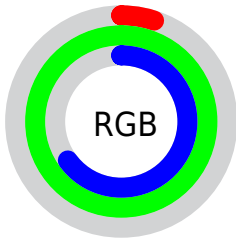
Format	Color
RYB	12, 160, 255
Decimal	851879
CIELab	89.11, -69.54, 28.31
CIELCh	89, 75.084, 157.849
Yxy	74.3882, 0.2585, 0.4483
Android (android.graphics.Color)	4279041959 (0xFF0CFFA7)
YUV	172.3110, -2.6183, -140.5927
Hunter-Lab	86.2486, -62.1768, 26.9255

Details

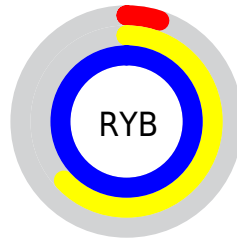
The Hex color **0CFFA7** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **FF0C64**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **75FFDF**, and **00C572** is the 20% darker color. If you saturate the color by 10%, you get **00FFA3**, and if you desaturate by 10%, it is **26FFB0**.

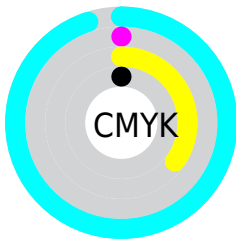
Distribution



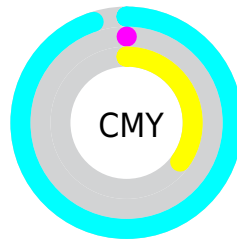
- Red (5%)
- Green (100%)
- Blue (65%)



- Red (5%)
- Yellow (63%)
- Blue (100%)



- Cyan (95%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)



- Cyan (95%)
- Magenta (0%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CFFA7 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 0CFFA7 by changing the saturation by 10% instead.

 0CFFA7

 0CFFA7

FFFFFF

 00E28C

 75FFDF

 00C572

 98FFFB

 00A859

 B9FFFF

 008D41

 D9FFFF

 00722A

 F9FFFF

 005812

 003F00

 002600

 000000

 0CFFA7

 0CFFA7

 00FFA3

 26FFB0

 3FFFB9

 59FFC3

 72FFCC

 8CFFD5

 A5FFDE

 BFFFE8

 D8FFF1

 F2FFFA

Harmonies

Analogous

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



A9F568



0CFFA7



00FFF1

Triad

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



0CFFA7



74E2FF



FFAD8C

Complementary

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



0CFFA7



FF0C64

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.



FF9ED0



0CFFA7



FCC5FF

Square

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



0CFFA7



00F6FF



FFA9FF



FFC957

Rectangle

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



0CFFA7



00FFFF



FFA9FF



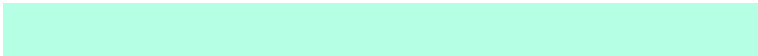
FFA6A1

Sweetspot

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



0CFFA7



B5FFE4



65FF0C



53806F



000000



808080

Same Dimension

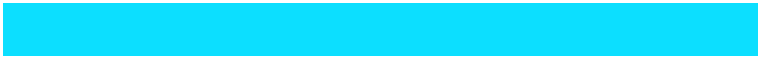
The Same Dimension uses a secret algorithm to generate beautiful new colors.



0CFFA7



00FFA3



0CDFFF



73807B



00BF7A



004029

Inverse Universe

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



FF0C64



FF005C



FF2C0C



807377



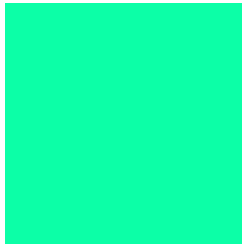
BF0045



400017

Previews

White Background



This preview shows how the Hex color 0CFFA7 looks on a white background.

Color Contrast Check

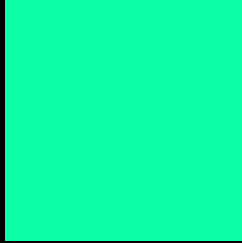
Large Text (above 18pt) WCAG AA × Fail

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 0CFFA7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

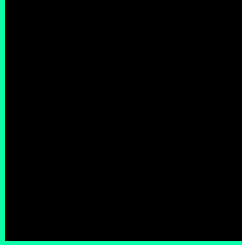
Any Text WCAG AA ✓ Pass

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 0CFFA7 Background



This preview shows how black text looks on a background with the Hex color 0CFFA7.

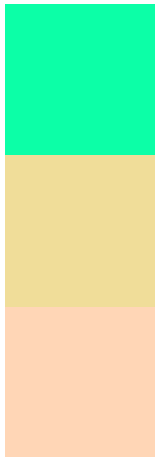


This preview shows how white text looks on a background with the Hex color 0CFFA7.

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](#).

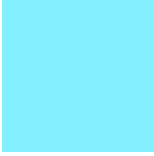
Dichromacy



Original Color
0CFFA7

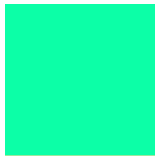
Protanopia
F0DD99

Deuteranopia
FFD6B6



Tritanopia
83EFFF

Trichromacy



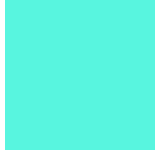
Original Color
0CFFA7



Protanomaly
9DE99E



Deuteranomaly
A7E5B1



Tritanomaly
58F5DF

Monochromacy



Original Color
0CFFA7



Achromatopsia
ACACAC



Achromatomaly
72CAAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CFFA7 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 #0CFFA7 looks like.

```
.text, #text, p{  
    color:#0CFFA7  
}
```

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 #0CFFA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CFFA7
}
```

Border

The CSS property to change the border of an element to Hex 0CFFA7 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
#0CFFA7 }
```

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

```
.border{ border-color:#0CFFA7 }
```

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

Here you see how a box with a 4 pixel #0CFFA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CFFA7; -webkit-box-shadow:4px 4px  
4px 4px #0CFFA7; box-shadow:4px 4px 4px  
4px #0CFFA7 }
```

Background

The CSS property to change the background color of an element to Hex 0CFFA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CFFA7 }
```

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

```
.background{ background-color:#0CFFA7 }
```

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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