

Converting Colors

Hex(0CFAB1)

Have a look what the booklet for
Hex(0CFAB1) contains.

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Color

Hex(0CFAB1)

Conversions

Conversions Part 1

Format	Color
Hex	0CFAB1
RGB	12, 250, 177
RGB Percent	5%, 98%, 69%
CMY	0.9529, 0.0196, 0.3059
CMYK	0.95, 0.00, 0.29, 0.02
HSL	162°, 96%, 51%
HSV	162°, 95%, 98%
XYZ	42.2730, 71.6237, 53.1917
YIQ	170.5160, -118.4150, -73.1590

Conversions

Conversions Part 2

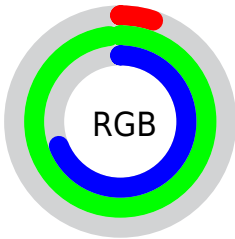
Format	Color
RYB	12, 153, 250
Decimal	850609
CIELab	87.79, -65.70, 21.43
CIELCh	88, 69.103, 161.936
Yxy	71.6237, 0.2530, 0.4287
Android (android.graphics.Color)	4279040689 (0xFF0CFAB1)
YUV	170.5160, 3.1966, -139.0185
Hunter-Lab	84.6308, -58.9432, 21.9769

Details

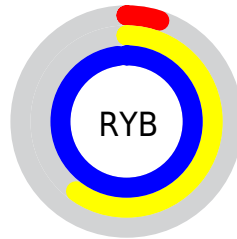
The Hex color **0CFAB1** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **FA0C55**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **74FFE9**, and **00C07C** is the 20% darker color. If you saturate the color by 10%, you get **00FAAD**, and if you desaturate by 10%, it is **25FAB9**.

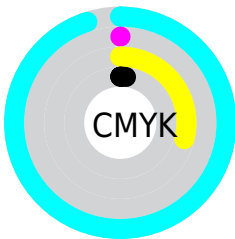
Distribution



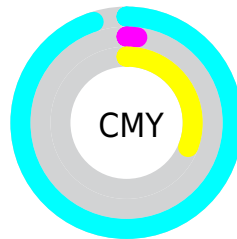
- Red (5%)
- Green (98%)
- Blue (69%)



- Red (5%)
- Yellow (60%)
- Blue (98%)



- Cyan (95%)
- Magenta (0%)
- Yellow (29%)
- Black (2%)



- Cyan (95%)
- Magenta (2%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CFAB1 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 0CFAB1 by changing the saturation by 10% instead.

 0CFAB1

FFFFFF

 74FFE9

 97FFFF

 B7FFFF

 D8FFFF

 F8FFFF

 0CFAB1

 00DD96

 00C07C

 00A463

 00894B

 006E34

 00541D

 003B06

 002200

 000000

 0CFAB1

 0CFAB1

 00FAAD

 25FAB9

 3EFAC0

 57FAC8

 70FAD0

 89FAD7

 A2FADF

 BBFAE7

 D4FAEE

 EDFAF6

Harmonies

Analogous

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



A0F176



0CFAB1



00FDF5

Triad

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



0CFAB1



96DAFF



FFB287

Complementary

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



0CFAB1



FA0C55

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.



FFA2C4



0CFAB1



FFC0FF

Square

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



0CFAB1



00EEFF



FFA8FF



FFCA5C

Rectangle

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



0CFAB1



00FBFF



FFA8FF



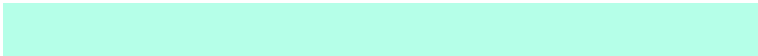
FFAB9A

Sweetspot

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



0CFAB1



B5FFE8



57FA0C



538072



000000



808080

Same Dimension

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



0CFAB1



00FFB1



0CCEFA



707D79



00BD83



003D2A

Inverse Universe

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



FA0C55



FF004E



FA380C



7D7074



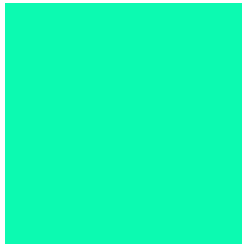
BD003A



3D0013

Previews

White Background



This preview shows how the Hex color 0CFAB1 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 0CFAB1 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 0CFAB1 Background



This preview shows how black text looks on a background with the Hex color 0CFAB1.

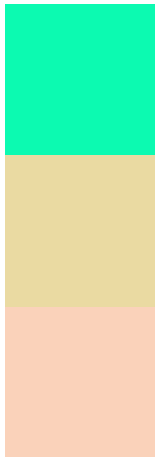


This preview shows how white text looks on a background with the Hex color 0CFAB1.

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](#).

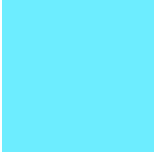
Dichromacy



Original Color
0CFAB1

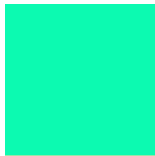
Protanopia
EADAA2

Deuteranopia
FAD2BA



Tritanopia
6DEDFE

Trichromacy



Original Color
0CFAB1



Protanomaly
99E6A7



Deuteranomaly
A3E1B7

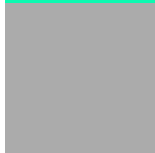


Tritanomaly
4AF2E3

Monochromacy



Original Color
0CFAB1



Achromatopsia
ABABAB



Achromatomaly
71C8AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CFAB1 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 #0CFAB1 looks like.

```
.text, #text, p{  
    color:#0CFAB1  
}
```

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 #0CFAB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CFAB1
}
```

Border

The CSS property to change the border of an element to Hex 0CFAB1 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
#0CFAB1 }
```

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

```
.border{ border-color:#0CFAB1 }
```

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

Here you see how a box with a 4 pixel #0CFAB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CFAB1; -webkit-box-shadow:4px 4px  
4px 4px #0CFAB1; box-shadow:4px 4px 4px  
4px #0CFAB1 }
```

Background

The CSS property to change the background color of an element to Hex 0CFAB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CFAB1 }
```

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

```
.background{ background-color:#0CFAB1 }
```

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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