

# Converting Colors

Hex(0CFC7C)

Have a look what the booklet for  
Hex(0CFC7C) contains.

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# Color

Hex(0CFC7C)

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 0CFC7C                        |
| RGB         | 12, 252, 124                  |
| RGB Percent | 5%, 99%, 49%                  |
| CMY         | 0.9529, 0.0118, 0.5137        |
| CMYK        | 0.95, 0.00, 0.51, 0.01        |
| HSL         | 148°, 98%, 52%                |
| HSV         | 148°, 95%, 99%                |
| XYZ         | 38.6001, 71.1542, 30.7685     |
| YIQ         | 165.6480, -101.9520, -90.6880 |

# Conversions

## Conversions Part 2

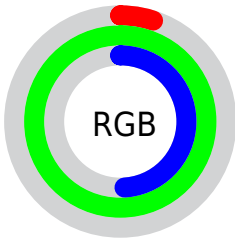
| <b>Format</b>                       | <b>Color</b>                     |
|-------------------------------------|----------------------------------|
| <b>RYB</b>                          | 12, 176, 252                     |
| Decimal                             | 851068                           |
| CIELab                              | 87.56, -76.11, 47.31             |
| CIELCh                              | 88, 89.612, 148.135              |
| Yxy                                 | 71.1542, 0.2747,<br>0.5064       |
| Android<br>(android.graphics.Color) | 4279041148<br>(0xFF0CFC7C)       |
| YUV                                 | 165.6480, -20.5325,<br>-134.7493 |
| Hunter-Lab                          | 84.3530, -65.9356,<br>37.4205    |

# Details

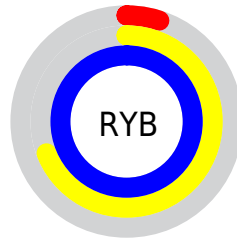
The Hex color **0CFC7C** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated spring green. A complement of this color would be **FC0C8C**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **75FFB3**, and **00C247** is the 20% darker color. If you saturate the color by 10%, you get **00FC76**, and if you desaturate by 10%, it is **25FC89**.

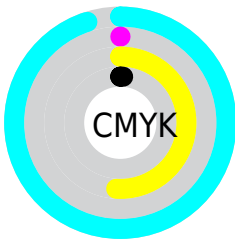
# Distribution



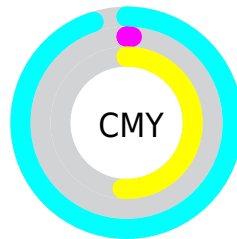
- Red (5%)
- Green (99%)
- Blue (49%)



- Red (5%)
- Yellow (69%)
- Blue (99%)



- Cyan (95%)
- Magenta (0%)
- Yellow (51%)
- Black (1%)



- Cyan (95%)
- Magenta (1%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0CFC7C 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 0CFC7C by changing the saturation by 10% instead.



 0CFC7C

FFFFFF

 75FFB3

 97FFCF

 B8FFEC

 D8FFFF

 F8FFFF

 0CFC7C

 00DF62

 00C247

 00A52D

 008A0E

 006F00

 005400

 003C00

 002200

 000000

 0CFC7C

 0CFC7C

 00FC76

 25FC89

 3EFC97

 58FCA4

 71FCB2

 8AFCBF

 A3FCCD

 BCFCDA

 D6FCE8

 EFFCF5

# Harmonies

## Analogous

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



B6EE2B



0CFC7C



00FFD3

# Triad

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



0CFC7C



00E7FF



FF9090

# Complementary

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



0CFC7C



FC0C8C

# 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.



FF85E5



0CFC7C



CFC7FF

# Square

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



0CFC7C



00FAFF



FF9FFF



FFB446

# Rectangle

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



0CFC7C



00FFFF



FF9FFF



FF88AC

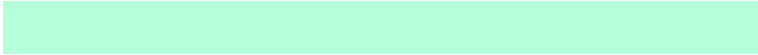


# Sweetspot

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



0CFC7C



B5FFD8



8CFC0C



538068



000000



808080



# Same Dimension

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



0CFC7C



00FF77



0CFCF4



707D76



00BD58



003D1D



# Inverse Universe

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



FC0C8C



FF0088



FC0C14



7D7077



BD0065

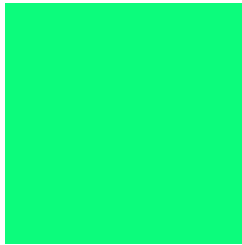


3D0021



# Previews

## White Background



This preview shows how the Hex color 0CFC7C 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 0CFC7C 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 0CFC7C Background



This preview shows how black text looks on a background with the Hex color 0CFC7C.

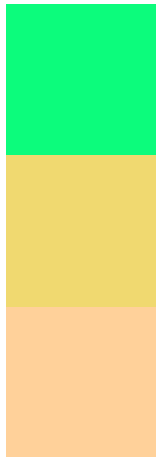


This preview shows how white text looks on a background with the Hex color 0CFC7C.

# 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](#).

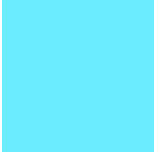
## Dichromacy



**Original Color**  
0CFC7C

**Protanopia**  
F0D970

**Deuteranopia**  
FFD19A



**Tritanopia**  
6BEDFF

# Trichromacy



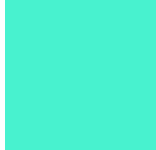
**Original Color**  
0CFC7C



**Protanomaly**  
9DE674

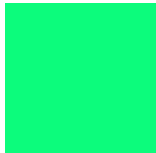


**Deuteranomaly**  
A7E18F

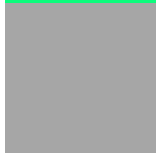


**Tritanomaly**  
48F2CF

# Monochromacy



**Original Color**  
0CFC7C



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
6EC597

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0CFC7C 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 #0CFC7C looks like.

```
.text, #text, p{  
    color:#0CFC7C  
}
```

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 #0CFC7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CFC7C
}
```

## Border

The CSS property to change the border of an element to Hex 0CFC7C 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
#0CFC7C }
```

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

```
.border{ border-color:#0CFC7C }
```

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

Here you see how a box with a 4 pixel #0CFC7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CFC7C; -webkit-box-shadow:4px 4px  
4px 4px #0CFC7C; box-shadow:4px 4px 4px  
4px #0CFC7C }
```

# Background

The CSS property to change the background color of an element to Hex 0CFC7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CFC7C }
```

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

```
.background{ background-color:#0CFC7C }
```

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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