

Converting Colors

Hex(0CF9B0)

Have a look what the booklet for
Hex(0CF9B0) contains.

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Color

Hex(0CF9B0)

Conversions

Conversions Part 1

Format	Color
Hex	0CF9B0
RGB	12, 249, 176
RGB Percent	5%, 98%, 69%
CMY	0.9529, 0.0235, 0.3098
CMYK	0.95, 0.00, 0.29, 0.02
HSL	162°, 95%, 51%
HSV	162°, 95%, 98%
XYZ	41.8638, 70.9641, 52.5653
YIQ	169.8150, -117.8190, -72.9470

Conversions

Conversions Part 2

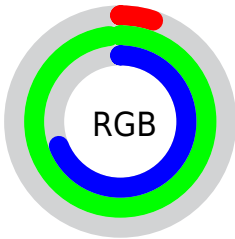
Format	Color
RYB	12, 152, 249
Decimal	850352
CIELab	87.47, -65.56, 21.50
CIELCh	87, 68.990, 161.844
Yxy	70.9641, 0.2531, 0.4291
Android (android.graphics.Color)	4279040432 (0xFF0CF9B0)
YUV	169.8150, 3.0492, -138.4038
Hunter-Lab	84.2402, -58.7135, 21.9716

Details

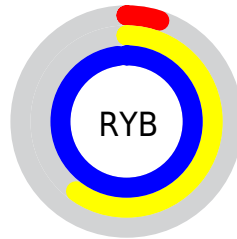
The Hex color **0CF9B0** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **F90C55**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **74FFE8**, and **00BF7B** is the 20% darker color. If you saturate the color by 10%, you get **00F9AC**, and if you desaturate by 10%, it is **25F9B8**.

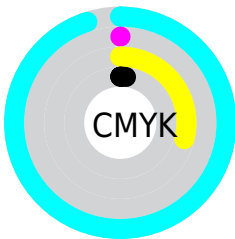
Distribution



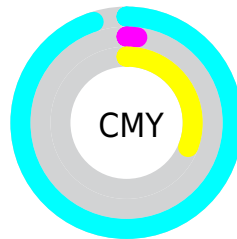
- Red (5%)
- Green (98%)
- Blue (69%)



- 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 0CF9B0 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 0CF9B0 by changing the saturation by 10% instead.

 0CF9B0

 0CF9B0

FFFFFF

 00DC95

 74FFE8

 00BF7B

 96FFFF

 00A362

 B7FFFF

 00884A

 D7FFFF

 006D33

 F7FFFF

 00531D

 003A05

 002100

 000000

 0CF9B0

 0CF9B0

 00F9AC

 25F9B8

 3EF9BF

 57F9C7

 70F9CF

 88F9D6

 A1F9DE

 BAF9E6

 D3F9ED

 ECF9F5

Harmonies

Analogous

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



9FF075



0CF9B0



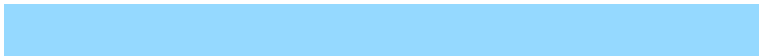
00FCF4

Triad

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



0CF9B0



95D9FF



FFB187

Complementary

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



0CF9B0



F90C55

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.



FFA1C4



0CF9B0



FFBFFF

Square

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



0CF9B0



00EDFF



FFA8FF



FFC95B

Rectangle

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



0CF9B0



00FAFF



FFA8FF



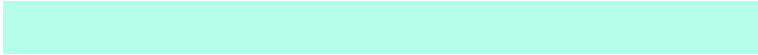
FFAA9A

Sweetspot

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



0CF9B0



B5FFE8



57F90C



538072



000000



808080

Same Dimension

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



0CF9B0



00FFB0



0CCEF9



707D79



00BD83



003D2A

Inverse Universe

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



F90C55



FF004F



F9370C



7D7074



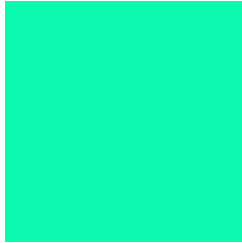
BD003A



3D0013

Previews

White Background



This preview shows how the Hex color 0CF9B0 looks on a white background.

Color Contrast Check

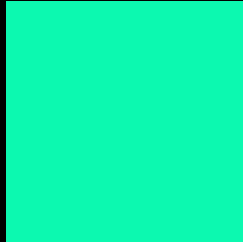
Large Text (above 18pt) WCAG AA × Fail

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 0CF9B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

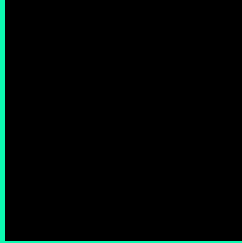
Any Text WCAG AA ✓ Pass

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 0CF9B0 Background



This preview shows how black text looks on a background with the Hex color 0CF9B0.

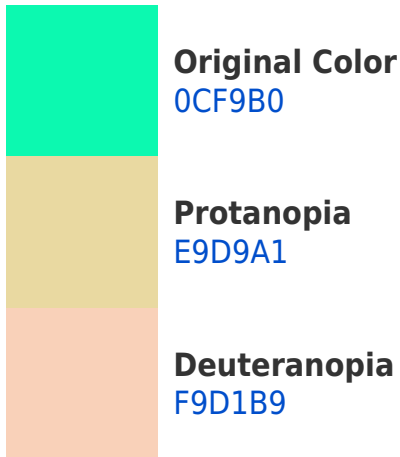


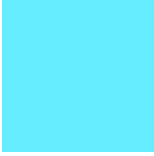
This preview shows how white text looks on a background with the Hex color 0CF9B0.

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





Tritanopia
66EDFF

Trichromacy



Original Color
0CF9B0



Protanomaly
99E5A6



Deuteranomaly
A3E0B6

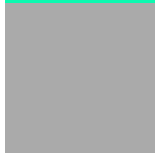


Tritanomaly
45F1E2

Monochromacy



Original Color
0CF9B0



Achromatopsia
AAAAAA



Achromatomaly
71C7AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CF9B0 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 #0CF9B0 looks like.

```
.text, #text, p{  
    color:#0CF9B0  
}
```

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 #0CF9B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CF9B0
}
```

Border

The CSS property to change the border of an element to Hex 0CF9B0 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
#0CF9B0 }
```

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

```
.border{ border-color:#0CF9B0 }
```

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

Here you see how a box with a 4 pixel #0CF9B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CF9B0; -webkit-box-shadow:4px 4px  
4px 4px #0CF9B0; box-shadow:4px 4px 4px  
4px #0CF9B0 }
```

Background

The CSS property to change the background color of an element to Hex 0CF9B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CF9B0 }
```

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

```
.background{ background-color:#0CF9B0 }
```

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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