

Converting Colors

Hex(0DF9B3)

Have a look what the booklet for
Hex(0DF9B3) contains.

Hex(0DF9B3)	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(0DF9B3)

Conversions

Conversions Part 1

Format	Color
Hex	0DF9B3
RGB	13, 249, 179
RGB Percent	5%, 98%, 70%
CMY	0.9490, 0.0235, 0.2980
CMYK	0.95, 0.00, 0.28, 0.02
HSL	162°, 95%, 51%
HSV	162°, 95%, 98%
XYZ	42.1783, 71.0916, 54.1469
YIQ	170.4560, -118.1860, -71.8020

Conversions

Conversions Part 2

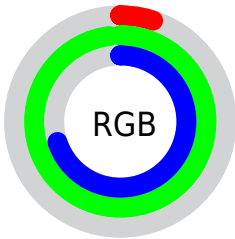
Format	Color
RYB	13, 152, 249
Decimal	915891
CIELab	87.53, -64.87, 20.05
CIELCh	88, 67.898, 162.828
Yxy	71.0916, 0.2519, 0.4246
Android (android.graphics.Color)	4279105971 (0xFF0DF9B3)
YUV	170.4560, 4.2122, -138.0889
Hunter-Lab	84.3158, -58.2595, 20.9456

Details

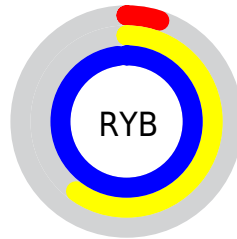
The Hex color **0DF9B3** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **F90D53**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **74FFEB**, and **00BF7E** is the 20% darker color. If you saturate the color by 10%, you get **00F9AF**, and if you desaturate by 10%, it is **26F9BA**.

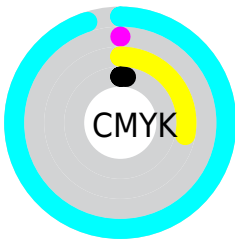
Distribution



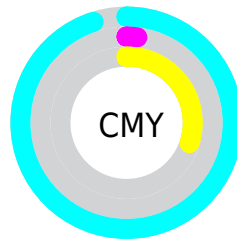
- Red (5%)
- Green (98%)
- Blue (70%)



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



- Cyan (95%)
- Magenta (0%)
- Yellow (28%)
- Black (2%)



- Cyan (95%)
- Magenta (2%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DF9B3 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 0DF9B3 by changing the saturation by 10% instead.

 0DF9B3

 0DF9B3

FFFFFF

 00DC98

 74FFEB

 00BF7E

 96FFFF

 00A365

 B7FFFF

 00884D

 D7FFFF

 006D35

 F7FFFF

 00531F

 003B09

 002200

 000000

0DF9B3

0DF9B3

00F9AF

26F9BA

3FF9C2

58F9C9

71F9D1

8AF9D8

A2F9DF

BBF9E7

D4F9EE

EDF9F5

Harmonies

Analogous

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



9EF078



0DF9B3



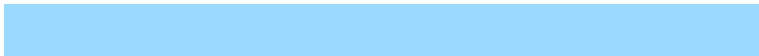
00FCF6

Triad

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



0DF9B3



9CD9FF



FFB286

Complementary

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



0DF9B3



F90D53

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.



FFA3C2



0DF9B3



FFBFFF

Square

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



0DF9B3



00EDFF



FFA8FF



FFCB5D

Rectangle

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



0DF9B3



00FAFF



FFA8FF



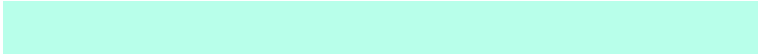
FFAC99

Sweetspot

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



0DF9B3



B8FFEA



54F90D



548073



000000



808080

Same Dimension

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



0DF9B3



00FFB3



0DCAF9



707D79



00BD85



003D2B

Inverse Universe

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



F90D53



FF004C



F93C0D



7D7074



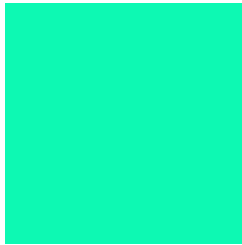
BD0038



3D0012

Previews

White Background



This preview shows how the Hex color 0DF9B3 looks on a white background.

Color Contrast Check

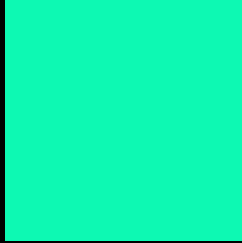
Large Text (above 18pt) WCAG AA × Fail

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 0DF9B3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

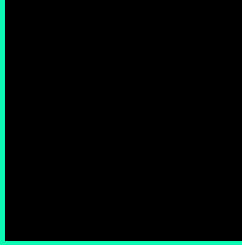
Any Text WCAG AA ✓ Pass

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 0DF9B3 Background



This preview shows how black text looks on a background with the Hex color 0DF9B3.

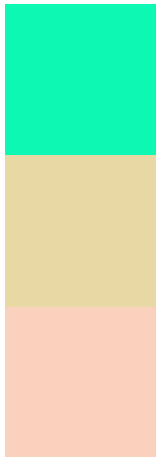


This preview shows how white text looks on a background with the Hex color 0DF9B3.

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
0DF9B3

Protanopia
E8D9A4

Deuteranopia
F9D1BC



Tritanopia
67EDFF

Trichromacy



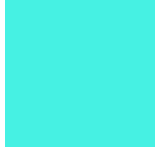
Original Color
0DF9B3



Protanomaly
98E5A9



Deuteranomaly
A3E0B9



Tritanomaly
46F1E3

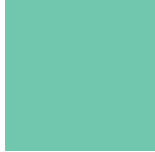
Monochromacy



Original Color
0DF9B3



Achromatopsia
AAAAAA



Achromatomaly
71C7AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DF9B3 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 #0DF9B3 looks like.

```
.text, #text, p{  
    color:#0DF9B3  
}
```

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 #0DF9B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DF9B3
}
```

Border

The CSS property to change the border of an element to Hex 0DF9B3 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
#0DF9B3 }
```

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

```
.border{ border-color:#0DF9B3 }
```

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

Here you see how a box with a 4 pixel #0DF9B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DF9B3; -webkit-box-shadow:4px 4px  
4px 4px #0DF9B3; box-shadow:4px 4px 4px  
4px #0DF9B3 }
```

Background

The CSS property to change the background color of an element to Hex 0DF9B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DF9B3 }
```

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

```
.background{ background-color:#0DF9B3 }
```

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