

Converting Colors

Hex(0BF3B3)

Have a look what the booklet for
Hex(0BF3B3) contains.

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Color

Hex(0BF3B3)

Conversions

Conversions Part 1

Format	Color
Hex	0BF3B3
RGB	11, 243, 179
RGB Percent	4%, 95%, 70%
CMY	0.9569, 0.0471, 0.2980
CMYK	0.95, 0.00, 0.26, 0.05
HSL	163°, 91%, 50%
HSV	163°, 95%, 95%
XYZ	40.3253, 67.4270, 53.5372
YIQ	166.3360, -117.7280, -69.0880

Conversions

Conversions Part 2

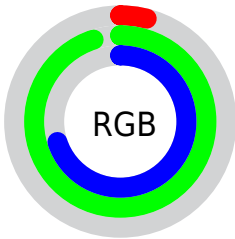
Format	Color
R_{YB}	11, 146, 243
Decimal	783283
CIE _{Lab}	85.72, -62.74, 17.52
CIE _{LCh}	86, 65.138, 164.396
Yxy	67.4270, 0.2500, 0.4180
Android (android.graphics.Color)	4278973363 (0xFF0BF3B3)
YUV	166.3360, 6.2434, -136.2297
Hunter-Lab	82.1139, -56.0400, 18.8235

Details

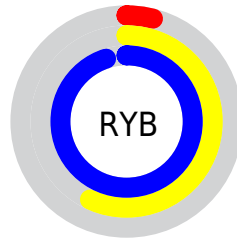
The Hex color **0BF3B3** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **F30B4B**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **72FFEB**, and **00B97E** is the 20% darker color. If you saturate the color by 10%, you get **00F3B0**, and if you desaturate by 10%, it is **23F3BA**.

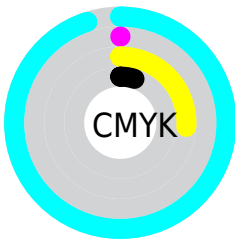
Distribution



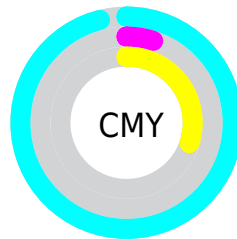
- Red (4%)
- Green (95%)
- Blue (70%)



- Red (4%)
- Yellow (57%)
- Blue (95%)



- Cyan (95%)
- Magenta (0%)
- Yellow (26%)
- Black (5%)



- Cyan (96%)
- Magenta (5%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BF3B3 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 0BF3B3 by changing the saturation by 10% instead.

 0BF3B3

 0BF3B3

FFFFFF

 00D698

 72FFEB

 00B97E

 95FFFF

 009E65

 B5FFFF

 00824D

 D5FFFF

 006836

 F5FFFF

 004E20

 00360A

 001C00

 000000

 0BF3B3

 0BF3B3

 00F3B0

 23F3BA

 3CF3C0

 54F3C7

 6CF3CE

 84F3D5

 9DF3DB

 B5F3E2

 CDF3E9

 E6F3EF

Harmonies

Analogous

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



98EB7A



0BF3B3



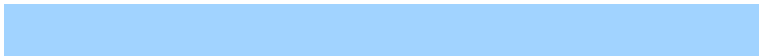
00F5F3

Triad

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



0BF3B3



A1D3FF



FFB083

Complementary

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



0BF3B3



F30B4B

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.



FFA1BB



0BF3B3



FFBAFF

Square

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



0BF3B3



00E6FF



FFA5F9



FFC85C

Rectangle

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



0BF3B3



00F3FF



FFA5F9



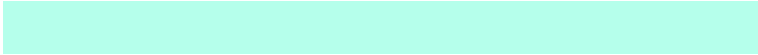
FFAA94

Sweetspot

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



0BF3B3



B5FFEB



4DF30B



538073



000000



808080

Same Dimension

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



0BF3B3



00FFB9



0BC1F3



6E7A77



00BA87



003B2A

Inverse Universe

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



F30B4B



FF0046



F33D0B



7A6E72



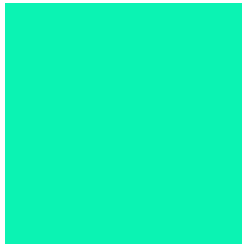
BA0033



3B0010

Previews

White Background



This preview shows how the Hex color 0BF3B3 looks on a white background.

Color Contrast Check

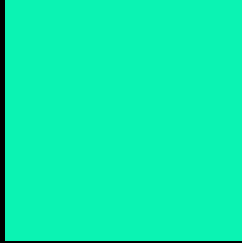
Large Text (above 18pt) WCAG AA × Fail

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 0BF3B3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

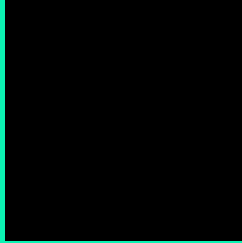
Any Text WCAG AA ✓ Pass

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 0BF3B3 Background



This preview shows how black text looks on a background with the Hex color 0BF3B3.

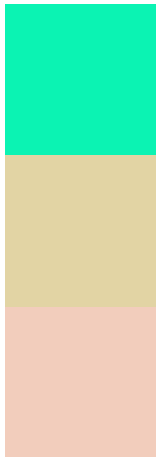


This preview shows how white text looks on a background with the Hex color 0BF3B3.

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](#).

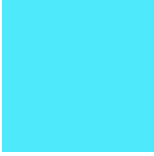
Dichromacy



Original Color
0BF3B3

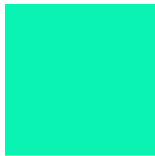
Protanopia
E2D4A4

Deuteranopia
F2CDBC



Tritanopia
4FE9FC

Trichromacy



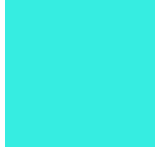
Original Color
0BF3B3



Protanomaly
94DFA9



Deuteranomaly
9EDBB9

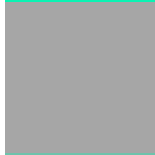


Tritanomaly
36EDE1

Monochromacy



Original Color
0BF3B3



Achromatopsia
A6A6A6



Achromatomaly
6EC2AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 0BF3B3 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 #0BF3B3 looks like.

```
.text, #text, p{  
    color:#0BF3B3  
}
```

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 #0BF3B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BF3B3
}
```

Border

The CSS property to change the border of an element to Hex 0BF3B3 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
#0BF3B3 }
```

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

```
.border{ border-color:#0BF3B3 }
```

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

Here you see how a box with a 4 pixel #0BF3B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BF3B3; -webkit-box-shadow:4px 4px  
4px 4px #0BF3B3; box-shadow:4px 4px 4px  
4px #0BF3B3 }
```

Background

The CSS property to change the background color of an element to Hex 0BF3B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BF3B3 }
```

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

```
.background{ background-color:#0BF3B3 }
```

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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