

Converting Colors

Hex(00FBB0)

Have a look what the booklet for
Hex(00FBB0) contains.

Hex(00FBB0)	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(00FBB0)

Conversions

Conversions Part 1

Format	Color
Hex	00FBB0
RGB	0, 251, 176
RGB Percent	0%, 98%, 69%
CMY	1.0000, 0.0157, 0.3098
CMYK	1.00, 0.00, 0.30, 0.02
HSL	162°, 100%, 49%
HSV	162°, 100%, 98%
XYZ	42.3337, 72.1289, 52.7654
YIQ	167.4010, -125.5210, -76.5370

Conversions

Conversions Part 2

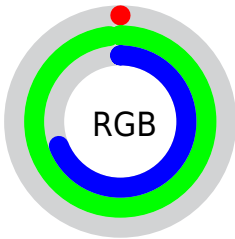
Format	Color
RYB	0, 148, 251
Decimal	64432
CIELab	88.03, -66.56, 22.27
CIELCh	88, 70.190, 161.502
Yxy	72.1289, 0.2531, 0.4313
Android (android.graphics.Color)	4278254512 (0xFF00FBB0)
YUV	167.4010, 4.2393, -146.8107
Hunter-Lab	84.9288, -59.6501, 22.6139

Details

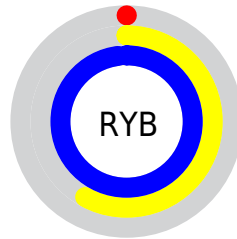
The Hex color **00FBB0** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **FB004B**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **73FFE8**, and **00C17B** is the 20% darker color. If you saturate the color by 10%, you get **00FBB0**, and if you desaturate by 10%, it is **19FBB8**.

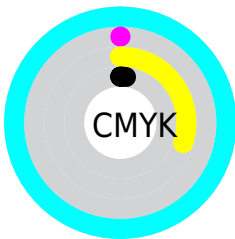
Distribution



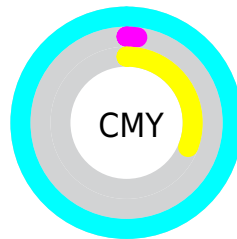
- Red (0%)
- Green (98%)
- Blue (69%)



- Red (0%)
- Yellow (58%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00FBB0 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 00FBB0 by changing the saturation by 10% instead.

 00FBB0

 00FBB0

FFFFFF

 00DE95

 73FFE8

 00C17B

 95FFFF

 00A562

 B6FFFF

 00894A

 D7FFFF

 006F33

 F7FFFF

 00541C

 003C05

 002300

 000000

 00FBB0

 19FBB8

 32FBBF

 4BFBC7

 64FBCE

 7EFBD6

 97FBDD

 B0FBE5

 C9FBEC

 E2FBF3

Harmonies

Analogous

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



A0F274



00FB80



00FEF5

Triad

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



00FBB0



93DBFF



FFB187

Complementary

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



00FBB0



FB004B

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.



FFA2C6



00FBB0



FFC1FF

Square

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



00FB80



0066FF



FFA500



0000FF

Rectangle

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



00FB80



00FCFF



FFA8FF



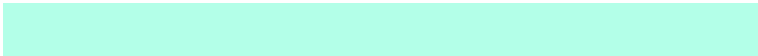
FFAA9B

Sweetspot

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



00FB80



B3FFE8



4BFB00



528072



000000



808080

Same Dimension

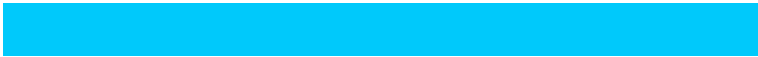
The Same Dimension uses a secret algorithm to generate beautiful new colors.



00FBBO



00FFB3



00C9FB



707D79



00BD84



003D2B

Inverse Universe

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



FB004B



FF004C



FB3200



7D7074



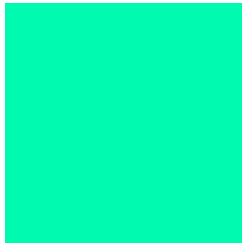
BD0038



3D0012

Previews

White Background



This preview shows how the Hex color 00FBB0 looks on a white background.

Color Contrast Check

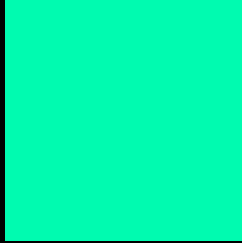
Large Text (above 18pt) WCAG AA × Fail

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 00FBB0 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

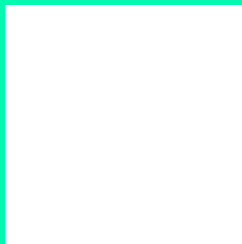
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00FBB0 Background



This preview shows how black text looks on a background with the Hex color 00FBB0.

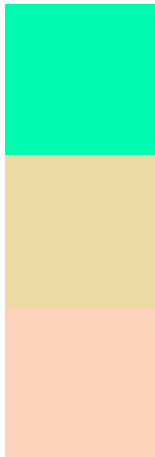


This preview shows how white text looks on a background with the Hex color 00FBB0.

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
00FBB0

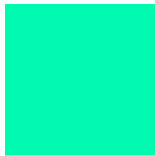
Protanopia
EBDAA1

Deuteranopia
FCD2B9



Tritanopia
71EEFF

Trichromacy



Original Color
00FB80



Protanomaly
96E6A6



Deuteranomaly
A0E1B6



Tritanomaly
48F3E2

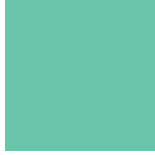
Monochromacy



Original Color
00FB80



Achromatopsia
A7A7A7



Achromatomaly
6AC6AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 00FBB0 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 #00FBB0 looks like.

```
.text, #text, p{  
    color:#00FBB0  
}
```

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 #00FBB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FBB0
}
```

Border

The CSS property to change the border of an element to Hex 00FBB0 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
#00FBB0 }
```

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

```
.border{ border-color:#00FBB0 }
```

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

Here you see how a box with a 4 pixel #00FBB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FBB0; -webkit-box-shadow:4px 4px  
4px 4px #00FBB0; box-shadow:4px 4px 4px  
4px #00FBB0 }
```

Background

The CSS property to change the background color of an element to Hex 00FBB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FBB0 }
```

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

```
.background{ background-color:#00FBB0 }
```

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