

Converting Colors

Hex(00FBB9)

Have a look what the booklet for
Hex(00FBB9) contains.

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Color

Hex(00FBB9)

Conversions

Conversions Part 1

Format	Color
Hex	00FBB9
RGB	0, 251, 185
RGB Percent	0%, 98%, 73%
CMY	1.0000, 0.0157, 0.2745
CMYK	1.00, 0.00, 0.26, 0.02
HSL	164°, 100%, 49%
HSV	164°, 100%, 98%
XYZ	43.2541, 72.4971, 57.6126
YIQ	168.4270, -128.4100, -73.7380

Conversions

Conversions Part 2

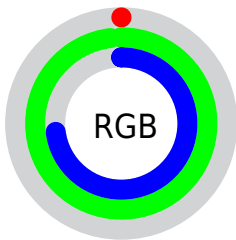
Format	Color
RYB	0, 144, 251
Decimal	64441
CIELab	88.21, -64.58, 17.90
CIELCh	88, 67.014, 164.504
Yxy	72.4971, 0.2495, 0.4182
Android (android.graphics.Color)	4278254521 (0xFF00FBB9)
YUV	168.4270, 8.1705, -147.7105
Hunter-Lab	85.1453, -58.3255, 19.4838

Details

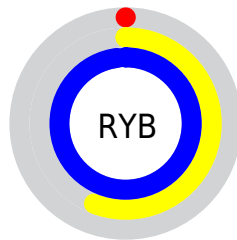
The Hex color **00FBB9** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **FB0042**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **73FFF1**, and **00C184** is the 20% darker color. If you saturate the color by 10%, you get **00FBB9**, and if you desaturate by 10%, it is **19FBC0**.

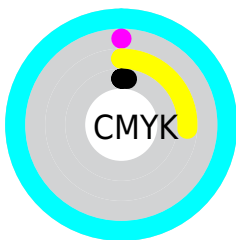
Distribution



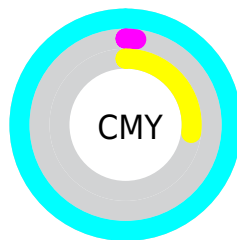
- Red (0%)
- Green (98%)
- Blue (73%)



- Red (0%)
- Yellow (56%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00FBB9 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 00FBB9 by changing the saturation by 10% instead.

 00FBB9

 00FBB9

FFFFFF

 00DE9E

 73FFF1

 00C184

 96FFFF

 00A56A

 B7FFFF

 008A52

 D7FFFF

 006F3B

 F7FFFF

 005525

 003C0F

 002300

 000000

 00FBB9

 19FBC0

 32FBC6

 4BFBCD

 64FBD3

 7EFBDA

 97FBE1

 B0FBE7

 C9FBEE

 E2FBF4

Harmonies

Analogous

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



9CF37E



00FBB9



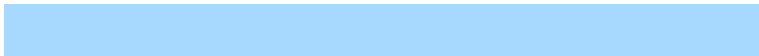
00FDFB

Triad

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



00FBB9



A7D9FF



FFB686

Complementary

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



00FBB9



FB0042

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.



FFA6C1



00FBB9



FFC0FF

Square

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



00FBB9



00EEFF



FFAAFF



FFCE5F

Rectangle

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



00FBB9



00FBFF



FFAAFF



FFAF98

Sweetspot

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



00FBB9



B3FFEB



43FB00



528073



000000



808080

Same Dimension

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



00FBB9



00FFBC



00C0FB



707D7A



00BD8B



003D2D

Inverse Universe

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



FB0042



FF0043



FB3B00



7D7074



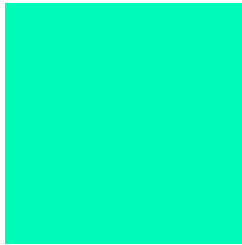
BD0032



3D0010

Previews

White Background



This preview shows how the Hex color 00FBB9 looks on a white background.

Color Contrast Check

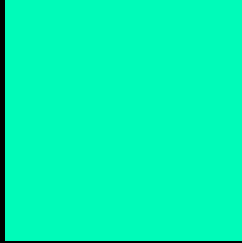
Large Text (above 18pt) WCAG AA × Fail

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 00FBB9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

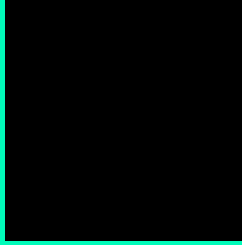
Any Text WCAG AA ✓ Pass

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 00FBB9 Background



This preview shows how black text looks on a background with the Hex color 00FBB9.

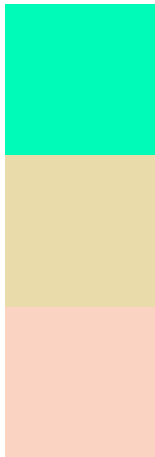


This preview shows how white text looks on a background with the Hex color 00FBB9.

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](#).

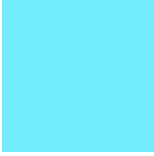
Dichromacy



Original Color
00FBB9

Protanopia
EADBAA

Deuteranopia
FAD3C2

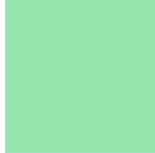


Tritanopia
74EEFF

Trichromacy



Original Color
00FBB9



Protanomaly
95E7AF



Deuteranomaly
9FE2BF

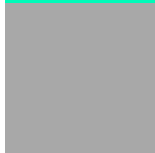


Tritanomaly
4AF3E6

Monochromacy



Original Color
00FBB9



Achromatopsia
A8A8A8



Achromatomaly
6BC6AE

CSS Examples

Text

The CSS property to change the color of the text to Hex 00FBB9 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 #00FBB9 looks like.

```
.text, #text, p{  
    color:#00FBB9  
}
```

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 #00FBB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FBB9
}
```

Border

The CSS property to change the border of an element to Hex 00FBB9 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
#00FBB9 }
```

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

```
.border{ border-color:#00FBB9 }
```

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

Here you see how a box with a 4 pixel #00FBB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FBB9; -webkit-box-shadow:4px 4px  
4px 4px #00FBB9; box-shadow:4px 4px 4px  
4px #00FBB9 }
```

Background

The CSS property to change the background color of an element to Hex 00FBB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FBB9 }
```

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

```
.background{ background-color:#00FBB9 }
```

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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