

Converting Colors

Hex(00FFB6)

Have a look what the booklet for
Hex(00FFB6) contains.

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Color

Hex(00FFB6)

Conversions

Conversions Part 1

Format	Color
Hex	00FFB6
RGB	0, 255, 182
RGB Percent	0%, 100%, 71%
CMY	1.0000, 0.0000, 0.2863
CMYK	1.00, 0.00, 0.29, 0.00
HSL	163°, 100%, 50%
HSV	163°, 100%, 100%
XYZ	44.2035, 74.8974, 56.3828
YIQ	170.4330, -128.5470, -76.7630

Conversions

Conversions Part 2

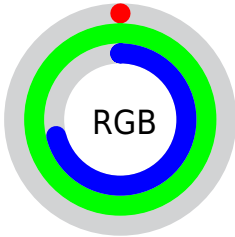
Format	Color
RYB	0, 149, 255
Decimal	65462
CIELab	89.34, -66.69, 21.02
CIELCh	89, 69.924, 162.502
Yxy	74.8974, 0.2519, 0.4268
Android (android.graphics.Color)	4278255542 (0xFF00FFB6)
YUV	170.4330, 5.7025, -149.4697
Hunter-Lab	86.5433, -60.2787, 21.9529

Details

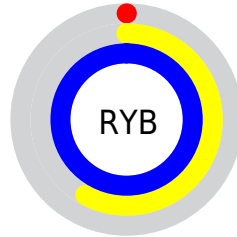
The Hex color **00FFB6** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **FF0049**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **74FFEE**, and **00C581** is the 20% darker color. If you saturate the color by 10%, you get **00FFB6**, and if you desaturate by 10%, it is **19FFBD**.

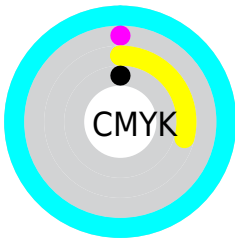
Distribution



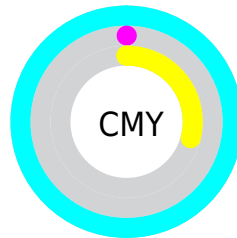
- Red (0%)
- Green (100%)
- Blue (71%)



- Red (0%)
- Yellow (58%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00FFB6 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 00FFB6 by changing the saturation by 10% instead.

 00FFB6

FFFFFF

 74FFEE

 97FFFF

 B8FFFF

 D8FFFF

 F8FFFF

 00FFB6

 00E29B

 00C581

 00A968

 008D4F

 007238

 005821

 003F0C

 002600

 000000

 00FFB6

 19FFBD

 33FFC5

 4DFFCC

 66FFD3

 80FFDB

 99FFE2

 B3FFE9

 CCFFF0

 E6FFF8

Harmonies

Analogous

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



A1F679



00FFB6



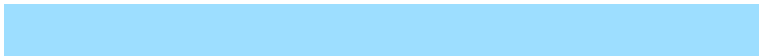
00FFFB

Triad

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



00FFB6



9DDEFF



FFB689

Complementary

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



00FFB6



FF0049

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.



FFA6C7



00FFB6



FFC3FF

Square

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



00FFB6



00F3FF



FFACFF



FFCF5E

Rectangle

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



00FFB6



00FFFF



FFACFF



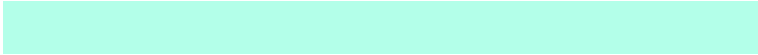
FFAF9C

Sweetspot

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



00FFB6



B3FFE9



4DFF00



528072



000000



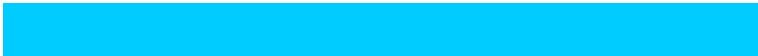
808080

Same Dimension

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



00FFB6



00CCFF



73807C



00BF89



00402E

Inverse Universe

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



FF0049



FF3300



807376



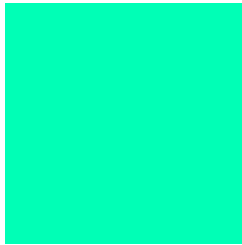
BF0037



400012

Previews

White Background



This preview shows how the Hex color 00FFB6 looks on a white background.

Color Contrast Check

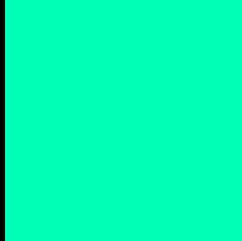
Large Text (above 18pt) WCAG AA × Fail

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 00FFB6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

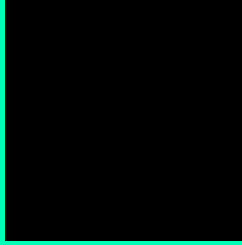
Any Text WCAG AA ✓ Pass

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 00FFB6 Background



This preview shows how black text looks on a background with the Hex color 00FFB6.

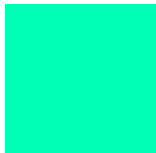


This preview shows how white text looks on a background with the Hex color 00FFB6.

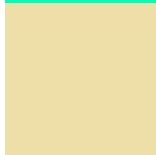
Color Blindness Simulation

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](#).

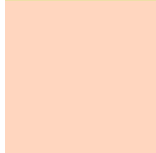
Dichromacy



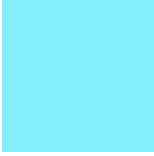
Original Color
00FFB6



Protanopia
EEDEA7

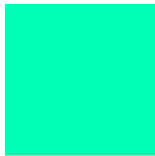


Deuteranopia
FFD6BF

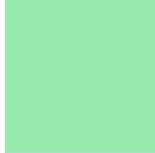


Tritanopia
86EFFF

Trichromacy



Original Color
00FFB6



Protanomaly
97EAAC



Deuteranomaly
A2E5BC

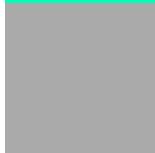


Tritanomaly
55F5E4

Monochromacy



Original Color
00FFB6



Achromatopsia
AAAAAA



Achromatomaly
6CC9AE

CSS Examples

Text

The CSS property to change the color of the text to Hex 00FFB6 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 #00FFB6 looks like.

```
.text, #text, p{  
    color:#00FFB6  
}
```

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 #00FFB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FFB6
}
```

Border

The CSS property to change the border of an element to Hex 00FFB6 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
#00FFB6 }
```

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

```
.border{ border-color:#00FFB6 }
```

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

Here you see how a box with a 4 pixel #00FFB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FFB6; -webkit-box-shadow:4px 4px  
4px 4px #00FFB6; box-shadow:4px 4px 4px  
4px #00FFB6 }
```

Background

The CSS property to change the background color of an element to Hex 00FFB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FFB6 }
```

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

```
.background{ background-color:#00FFB6 }
```

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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