

Converting Colors

Hex(00FFBC)

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

Hex(00FFBC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(00FFBC)

Conversions

Conversions Part 1

Format	Color
Hex	00FFBC
RGB	0, 255, 188
RGB Percent	0%, 100%, 74%
CMY	1.0000, 0.0000, 0.2627
CMYK	1.00, 0.00, 0.26, 0.00
HSL	164°, 100%, 50%
HSV	164°, 100%, 100%
XYZ	44.8371, 75.1508, 59.7194
YIQ	171.1170, -130.4730, -74.8970

Conversions

Conversions Part 2

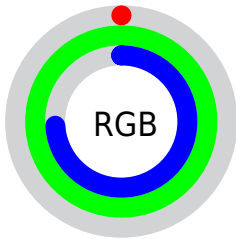
Format	Color
RYB	0, 147, 255
Decimal	65468
CIELab	89.46, -65.36, 18.12
CIELCh	89, 67.823, 164.503
Yxy	75.1508, 0.2495, 0.4182
Android (android.graphics.Color)	4278255548 (0xFF00FFBC)
YUV	171.1170, 8.3233, -150.0696
Hunter-Lab	86.6896, -59.3840, 19.8386

Details

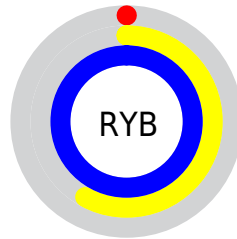
The Hex color **00FFBC** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **FF0043**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **74FFF4**, and **00C587** is the 20% darker color. If you saturate the color by 10%, you get **00FFBC**, and if you desaturate by 10%, it is **19FFC3**.

Distribution



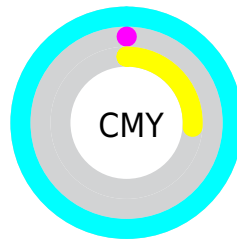
- Red (0%)
- Green (100%)
- Blue (74%)



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



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



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

Brightness & Saturation Gradients

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

 00FFBC

 00FFBC

FFFFFF

 00E2A1

 74FFF4

 00C587

 97FFFF

 00A96D

 B8FFFF

 008D55

 D8FFFF

 00723D

 F9FFFF

 005827

 003F12

 002700

 000000

 00FFBC

 19FFC3

 33FFC9

 4DFFD0

 66FFD7

 80FFDE

 99FFE4

 B3FFEB

 CCFFF2

 E6FFF8

Harmonies

Analogous

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



9FF780



00FFBC



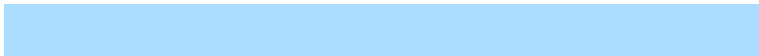
00FFFF

Triad

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



00FFBC



AADDFF



FFB989

Complementary

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



00FFBC



FF0043

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.



FFA9C4



00FFBC



FFC3FF

Square

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



00FFBC



00F1FF



FFADFF



FFD161

Rectangle

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



00FFBC



00FFFF



FFADFF



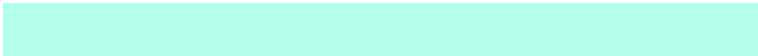
FFB29B

Sweetspot

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



00FFBC



B3FFEB



44FF00



528073



000000



808080

Same Dimension

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



00FFBC



00C3FF



73807C



00BF8D



00402F

Inverse Universe

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



FF0043



FF3C00



807376



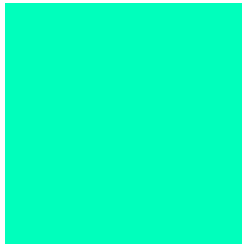
BF0032



400011

Previews

White Background



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

Color Contrast Check

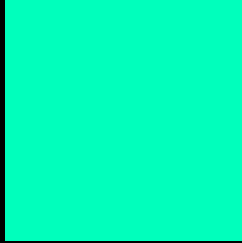
Large Text (above 18pt) WCAG AA × Fail

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 00FFBC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

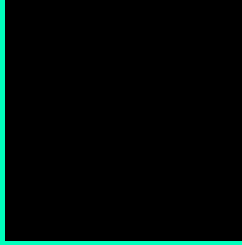
Any Text WCAG AA ✓ Pass

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 00FFBC Background



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

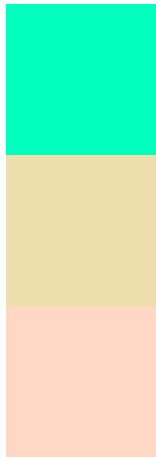


This preview shows how white text looks on a background with the Hex color 00FFBC.

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](#).

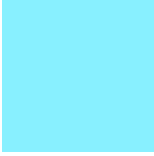
Dichromacy



Original Color
00FFBC

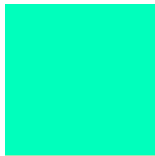
Protanopia
EEDEAD

Deuteranopia
FED7C5

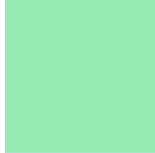


Tritanopia
88F0FF

Trichromacy



Original Color
00FFBC



Protanomaly
97EAB2



Deuteranomaly
A2E6C2

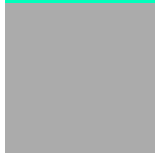


Tritanomaly
57F5E7

Monochromacy



Original Color
00FFBC



Achromatopsia
ABABAB



Achromatomaly
6DCAB1

CSS Examples

Text

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

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

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 #00FFBC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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