

Converting Colors

Hex(00F7BC)

Have a look what the booklet for
Hex(00F7BC) contains.

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Color

Hex(00F7BC)

Conversions

Conversions Part 1

Format	Color
Hex	00F7BC
RGB	0, 247, 188
RGB Percent	0%, 97%, 74%
CMY	1.0000, 0.0314, 0.2627
CMYK	1.00, 0.00, 0.24, 0.03
HSL	166°, 100%, 48%
HSV	166°, 100%, 97%
XYZ	42.3379, 70.1524, 58.8863
YIQ	166.4210, -128.2730, -70.7130

Conversions

Conversions Part 2

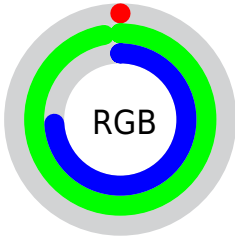
Format	Color
RYB	0, 140, 247
Decimal	63420
CIELab	87.07, -62.42, 14.76
CIELCh	87, 64.139, 166.694
Yxy	70.1524, 0.2470, 0.4093
Android (android.graphics.Color)	4278253500 (0xFF00F7BC)
YUV	166.4210, 10.6384, -145.9512
Hunter-Lab	83.7570, -56.3458, 16.9454

Details

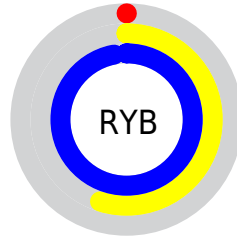
The Hex color **00F7BC** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **F7003B**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **72FFF4**, and **00BD87** is the 20% darker color. If you saturate the color by 10%, you get **00F7BC**, and if you desaturate by 10%, it is **19F7C2**.

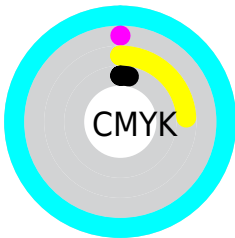
Distribution



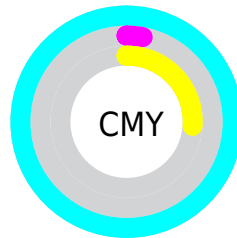
- Red (0%)
- Green (97%)
- Blue (74%)



- Red (0%)
- Yellow (55%)
- Blue (97%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (3%)



- Cyan (100%)
- Magenta (3%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F7BC 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 00F7BC by changing the saturation by 10% instead.

 00F7BC

FFFFFF

 72FFF4

 95FFFF

 B6FFFF

 D6FFFF

 F6FFFF

 00F7BC

 00DAA1

 00BD87

 00A16D

 008655

 006B3E

 005227

 003913

 002000

 000000

 00F7BC

 19F7C2

 31F7C8

 4AF7CE

 63F7D4

 7CF7DA

 94F7DF

 ADF7E5

 C6F7EB

 DEF7F1

Harmonies

Analogous

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



97EF83



00F7BC



00F9FB

Triad

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



00F7BC



B0D5FF



FFB784

Complementary

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



00F7BC



F7003B

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.



FFA7BA



00F7BC



FFBCFF

Square

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



00F7BC



00E8FF



FFA9F8



FFCD61

Rectangle

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



00F7BC



00F7FF



FFA9F8



FFB094

Sweetspot

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



00F7BC



B3FFED



3EF700



528075



000000



808080

Same Dimension

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



00F7BC



00FFC2



00B9F7



6E7A77



00BA8E



003B2D

Inverse Universe

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



F7003B



FF003D



F73E00



7A6E71



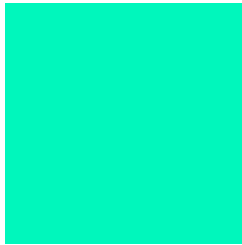
BA002C



3B000E

Previews

White Background



This preview shows how the Hex color 00F7BC looks on a white background.

Color Contrast Check

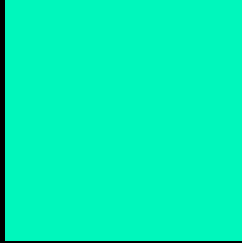
Large Text (above 18pt) WCAG AA × Fail

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 00F7BC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

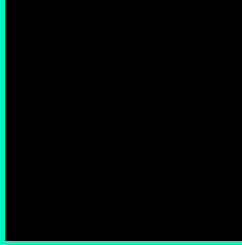
Any Text WCAG AA ✓ Pass

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 00F7BC Background



This preview shows how black text looks on a background with the Hex color 00F7BC.

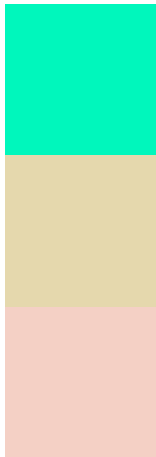


This preview shows how white text looks on a background with the Hex color 00F7BC.

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](#).

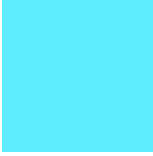
Dichromacy



Original Color
00F7BC

Protanopia
E5D8AD

Deuteranopia
F4D0C5



Tritanopia
5DEDFE

Trichromacy



Original Color
00F7BC



Protanomaly
92E3B2



Deuteranomaly
9BDEC2



Tritanomaly
3BF1E7

Monochromacy



Original Color
00F7BC



Achromatopsia
A6A6A6



Achromatomaly
6AC3AE

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F7BC 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 #00F7BC looks like.

```
.text, #text, p{  
    color:#00F7BC  
}
```

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 #00F7BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F7BC
}
```

Border

The CSS property to change the border of an element to Hex 00F7BC 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
#00F7BC }
```

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

```
.border{ border-color:#00F7BC }
```

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

Here you see how a box with a 4 pixel #00F7BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F7BC; -webkit-box-shadow:4px 4px  
4px 4px #00F7BC; box-shadow:4px 4px 4px  
4px #00F7BC }
```

Background

The CSS property to change the background color of an element to Hex 00F7BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F7BC }
```

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

```
.background{ background-color:#00F7BC }
```

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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