

Converting Colors

Hex(00FDDB)

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

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Color

Hex(00FDDB)

Conversions

Conversions Part 1

Format	Color
Hex	00FDBB
RGB	0, 253, 187
RGB Percent	0%, 99%, 73%
CMY	1.0000, 0.0078, 0.2667
CMYK	1.00, 0.00, 0.26, 0.01
HSL	164°, 100%, 50%
HSV	164°, 100%, 99%
XYZ	44.0949, 73.8384, 58.9419
YIQ	169.8290, -129.6020, -74.1620

Conversions

Conversions Part 2

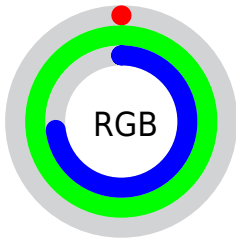
Format	Color
RYB	0, 145, 253
Decimal	64955
CIELab	88.85, -64.86, 17.77
CIELCh	89, 67.246, 164.677
Yxy	73.8384, 0.2493, 0.4175
Android (android.graphics.Color)	4278255035 (0xFF00FDBB)
YUV	169.8290, 8.4653, -148.9400
Hunter-Lab	85.9293, -58.7783, 19.4814

Details

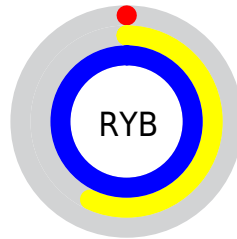
The Hex color **00FDBB** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **FD0042**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **74FFF3**, and **00C386** is the 20% darker color. If you saturate the color by 10%, you get **00FDBB**, and if you desaturate by 10%, it is **19FDC2**.

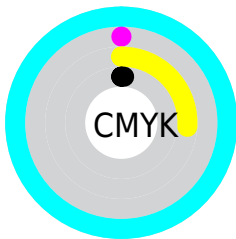
Distribution



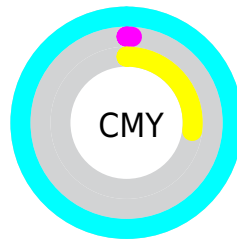
- Red (0%)
- Green (99%)
- Blue (73%)



- Red (0%)
- Yellow (57%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (1%)



- Cyan (100%)
- Magenta (1%)
- Yellow (27%)

Brightness & Saturation Gradients

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

 00FDBB

 00FDBB

FFFFFF

 00E0A0

 74FFF3

 00C386

 96FFFF

 00A76C

 B7FFFF

 008B54

 D8FFFF

 00713C

 F8FFFF

 005626

 003D11

 002500

 000000

 00FDBB

 19FDC2

 33FDC8

 4CFDCF

 65FDD5

 7FFDDC

 98FDE3

 B1FDE9

 CAFDF0

 E4FDF6

Harmonies

Analogous

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



9DF580



00FDBB



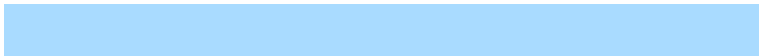
00FFFE

Triad

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



00FDBB



A9DBFF



FFB888

Complementary

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



00FDBB



FD0042

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.



FFA8C2



00FDBB



FFC1FF

Square

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



00FDBB



00EFFF



FFACFF



FFD060

Rectangle

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



00FDBB



00FDFF



FFACFF



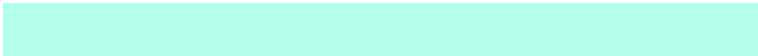
FFB19A

Sweetspot

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



00FDBB



B3FFEB



43FD00



528074



000000



808080

Same Dimension

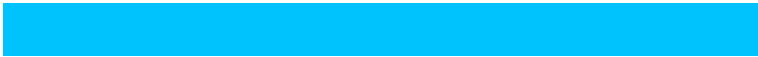
The Same Dimension uses a secret algorithm to generate beautiful new colors.



00FDBB



00FFBC



00C2FD



73807C



00BF8D



00402F

Inverse Universe

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



FD0042



FF0043



FD3B00



807376



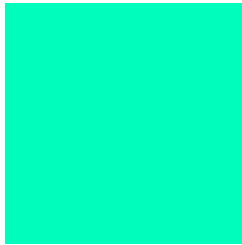
BF0032



400011

Previews

White Background



This preview shows how the Hex color 00FDBB 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 00FDBB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

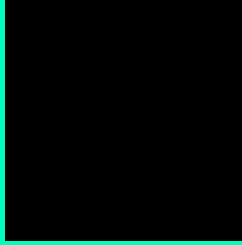
Any Text WCAG AA ✓ Pass

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 00FDBB Background



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

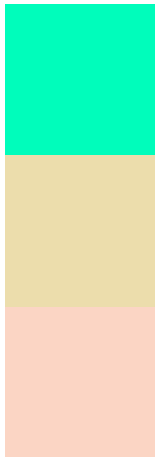


This preview shows how white text looks on a background with the Hex color 00FDBB.

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](#).

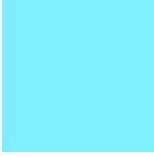
Dichromacy



Original Color
00FDBB

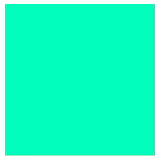
Protanopia
ECDDAC

Deuteranopia
FBD5C4

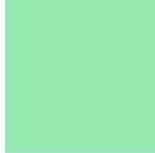


Tritanopia
7FEFF

Trichromacy



Original Color
00FDBB



Protanomaly
96E9B1



Deuteranomaly
A0E4C1

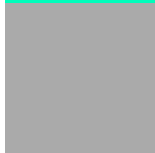


Tritanomaly
51F4E6

Monochromacy



Original Color
00FDBB



Achromatopsia
AAAAAA



Achromatomaly
6CC8B0

CSS Examples

Text

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

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

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 #00FDBB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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