

Converting Colors

Hex(02FD8D)

Have a look what the booklet for
Hex(02FDBD) contains.

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Color

Hex(02FDBD)

Conversions

Conversions Part 1

Format	Color
Hex	02FDBD
RGB	2, 253, 189
RGB Percent	1%, 99%, 74%
CMY	0.9922, 0.0078, 0.2588
CMYK	0.99, 0.00, 0.25, 0.01
HSL	165°, 98%, 50%
HSV	165°, 99%, 99%
XYZ	44.3356, 73.9376, 60.0788
YIQ	170.6550, -129.0520, -73.1160

Conversions

Conversions Part 2

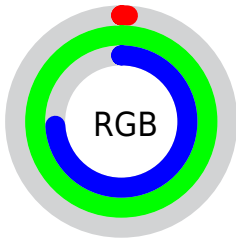
Format	Color
RYB	2, 146, 253
Decimal	196029
CIELab	88.89, -64.35, 16.81
CIELCh	89, 66.514, 165.361
Yxy	73.9376, 0.2486, 0.4146
Android (android.graphics.Color)	4278386109 (0xFF02FDBD)
YUV	170.6550, 9.0441, -147.9104
Hunter-Lab	85.9870, -58.4411, 18.7652

Details

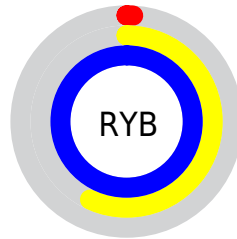
The Hex color **02FDBD** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **FD0242**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **74FFF5**, and **00C388** is the 20% darker color. If you saturate the color by 10%, you get **00FDBC**, and if you desaturate by 10%, it is **1BFDC3**.

Distribution



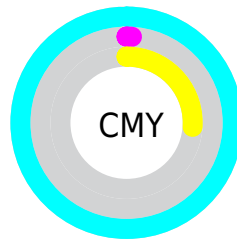
- Red (1%)
- Green (99%)
- Blue (74%)



- Red (1%)
- Yellow (57%)
- Blue (99%)



- Cyan (99%)
- Magenta (0%)
- Yellow (25%)
- Black (1%)



- Cyan (99%)
- Magenta (1%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02FDBD 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 02FDBD by changing the saturation by 10% instead.

 02FDBD

 02FDBD

FFFFFF

 00E0A2

 74FFF5

 00C388

 97FFFF

 00A76E

 B8FFFF

 008B56

 D8FFFF

 00713E

 F8FFFF

 005628

 003E13

 002500

 000000

 02FDBD

 02FDBD

 00FDBC

 1BFDC3

 35FDCA

 4EFDD0

 67FDD7

 81FDDD

 9AFDE4

 B3FDEA

 CCFDF1

 E6FDF7

Harmonies

Analogous

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



9CF582



02FDBD



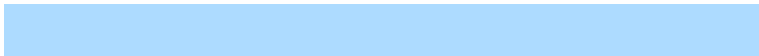
00FFFF

Triad

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



02FDBD



ADD8E6



FFA500

Complementary

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



02FDBD



FD0242

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.



FFA9C1



02FDBD



FFC1FF

Square

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



02FDBD



00EFFF



FFADFF



FFD161

Rectangle

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



02FDBD



00FDFF



FFADFF



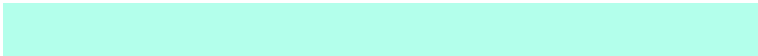
FFB299

Sweetspot

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



02FDBD



B3FFEB



45FD02



528074



000000



808080

Same Dimension

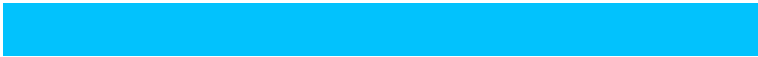
The Same Dimension uses a secret algorithm to generate beautiful new colors.



02FDBD



00FFBE



02C2FD



73807C



00BF8E



00402F

Inverse Universe

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



FD0242



FF0041



FD3D02



807376



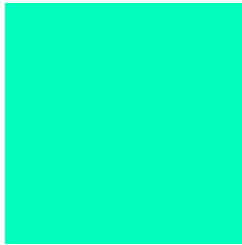
BF0031



400010

Previews

White Background



This preview shows how the Hex color 02FDBD looks on a white background.

Color Contrast Check

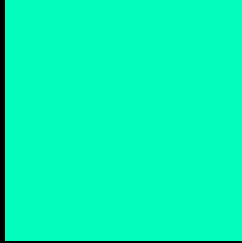
Large Text (above 18pt) WCAG AA × Fail

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 02FDBD 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 02FDBD Background



This preview shows how black text looks on a background with the Hex color 02FDBD.

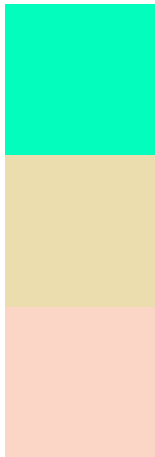


This preview shows how white text looks on a background with the Hex color 02FDBD.

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](#).

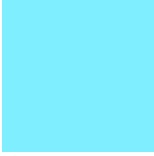
Dichromacy



Original Color
02FDBD

Protanopia
EBDDAE

Deuteranopia
FBD5C6

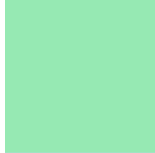


Tritanopia
7FEFF

Trichromacy



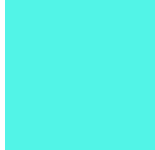
Original Color
02FDBD



Protanomaly
96E9B3



Deuteranomaly
A0E4C3

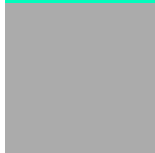


Tritanomaly
52F4E7

Monochromacy



Original Color
02FDBD



Achromatopsia
ABABAB



Achromatomaly
6EC9B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 02FDBD 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 #02FDBD looks like.

```
.text, #text, p{  
    color:#02FDBD  
}
```

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 #02FDBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02FDBD
}
```

Border

The CSS property to change the border of an element to Hex 02FDBD 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
#02FDBD }
```

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

```
.border{ border-color:#02FDBD }
```

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

Here you see how a box with a 4 pixel #02FDBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02FDBD; -webkit-box-shadow:4px 4px  
4px 4px #02FDBD; box-shadow:4px 4px 4px  
4px #02FDBD }
```

Background

The CSS property to change the background color of an element to Hex 02FDBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02FDBD }
```

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

```
.background{ background-color:#02FDBD }
```

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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