

Converting Colors

Hex(00FB83)

Have a look what the booklet for
Hex(00FB83) contains.

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Color

Hex(00FB83)

Conversions

Conversions Part 1

Format	Color
Hex	00FB83
RGB	0, 251, 131
RGB Percent	0%, 98%, 51%
CMY	1.0000, 0.0157, 0.4863
CMYK	1.00, 0.00, 0.48, 0.02
HSL	151°, 100%, 49%
HSV	151°, 100%, 98%
XYZ	38.5939, 70.6331, 33.0722
YIQ	162.2710, -111.0760, -90.5320

Conversions

Conversions Part 2

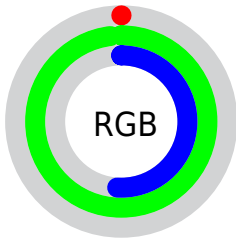
Format	Color
RYB	0, 165, 251
Decimal	64387
CIELab	87.31, -75.03, 43.67
CIELCh	87, 86.819, 149.799
Yxy	70.6331, 0.2712, 0.4964
Android (android.graphics.Color)	4278254467 (0xFF00FB83)
YUV	162.2710, -15.4166, -142.3117
Hunter-Lab	84.0435, -65.1064, 35.4991

Details

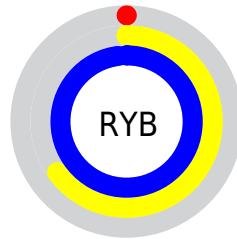
The Hex color **00FB83** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **FB0078**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **73FFBA**, and **00C14F** is the 20% darker color. If you saturate the color by 10%, you get **00FB83**, and if you desaturate by 10%, it is **19FB8F**.

Distribution



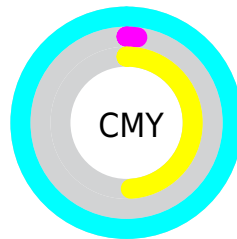
- Red (0%)
- Green (98%)
- Blue (51%)



- Red (0%)
- Yellow (65%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (48%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00FB83 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 00FB83 by changing the saturation by 10% instead.

 00FB83

 00FB83

FFFFFF

 00DE69

 73FFBA

 00C14F

 95FFD6

 00A435

 B6FFF3

 00891A

 D6FFFF

 006E00

 F6FFFF

 005300

 003B00

 002100

 000000

 00FB83

 19FB8F

 32FB9B

 4BFBA7

 64FBB3

 7EFBBF

 97FBCB

 B0FBD7

 C9FBE3

 E2FBEF

Harmonies

Analogous

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



B2EE38



00FB83



00FFD8

Triad

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



00FB83



00E5FF



FF958E

Complementary

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



00FB83



FB0078

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.



FF88DF



00FB83



D7C5FF

Square

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



00FB83



00F8FF



FF9FFF



FFB647

Rectangle

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



00FB83



00FFFF



FF9FFF



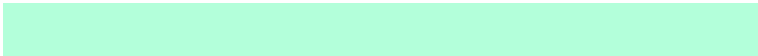
FF8DA8

Sweetspot

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



00FB83



B3FFDA



79FB00



52806A



000000



808080

Same Dimension

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



00FB83



00FF85



00F7FB



707D77



00BD62



003D20

Inverse Universe

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



FB0078



FF007A



FB0400



7D7076



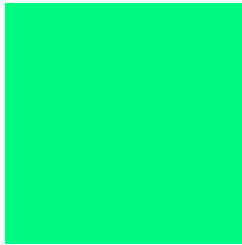
BD005A



3D001D

Previews

White Background



This preview shows how the Hex color 00FB83 looks on a white background.

Color Contrast Check

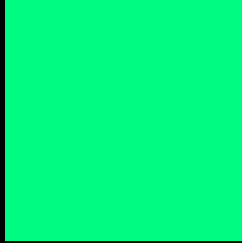
Large Text (above 18pt) WCAG AA × Fail

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 00FB83 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 00FB83 Background



This preview shows how black text looks on a background with the Hex color 00FB83.

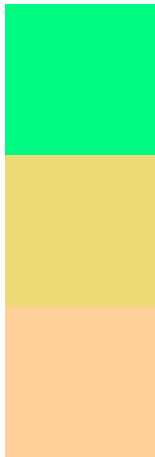


This preview shows how white text looks on a background with the Hex color 00FB83.

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](#).

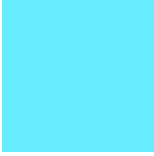
Dichromacy



Original Color
00FB83

Protanopia
EED977

Deuteranopia
FFD09A



Tritanopia
66ECFF

Trichromacy



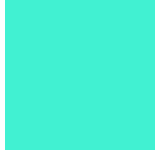
Original Color
00FB83



Protanomaly
97E57B



Deuteranomaly
A2E092



Tritanomaly
41F1D2

Monochromacy



Original Color
00FB83



Achromatopsia
A2A2A2



Achromatomaly
67C297

CSS Examples

Text

The CSS property to change the color of the text to Hex 00FB83 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 #00FB83 looks like.

```
.text, #text, p{  
    color:#00FB83  
}
```

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 #00FB83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FB83
}
```

Border

The CSS property to change the border of an element to Hex 00FB83 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
#00FB83 }
```

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

```
.border{ border-color:#00FB83 }
```

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

Here you see how a box with a 4 pixel #00FB83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FB83; -webkit-box-shadow:4px 4px  
4px 4px #00FB83; box-shadow:4px 4px 4px  
4px #00FB83 }
```

Background

The CSS property to change the background color of an element to Hex 00FB83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FB83 }
```

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

```
.background{ background-color:#00FB83 }
```

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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