

Converting Colors

Hex(00FB8E)

Have a look what the booklet for
Hex(00FB8E) contains.

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Color

Hex(00FB8E)

Conversions

Conversions Part 1

Format	Color
Hex	00FB8E
RGB	0, 251, 142
RGB Percent	0%, 98%, 56%
CMY	1.0000, 0.0157, 0.4431
CMYK	1.00, 0.00, 0.43, 0.02
HSL	154°, 100%, 49%
HSV	154°, 100%, 98%
XYZ	39.3797, 70.9474, 37.2099
YIQ	163.5250, -114.6070, -87.1110

Conversions

Conversions Part 2

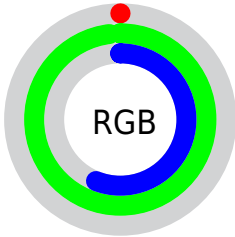
Format	Color
RYB	0, 160, 251
Decimal	64398
CIELab	87.46, -73.20, 38.55
CIELCh	87, 82.729, 152.227
Yxy	70.9474, 0.2669, 0.4809
Android (android.graphics.Color)	4278254478 (0xFF00FB8E)
YUV	163.5250, -10.6118, -143.4114
Hunter-Lab	84.2303, -63.9499, 32.7690

Details

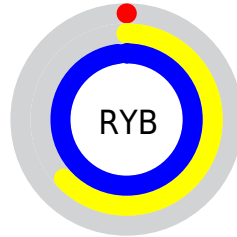
The Hex color **00FB8E** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **FB006D**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **72FFC5**, and **00C15A** is the 20% darker color. If you saturate the color by 10%, you get **00FB8E**, and if you desaturate by 10%, it is **19FB99**.

Distribution



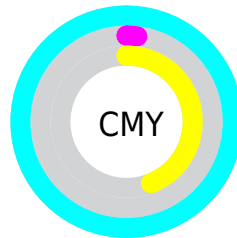
- Red (0%)
- Green (98%)
- Blue (56%)



- Red (0%)
- Yellow (63%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (43%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00FB8E 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 00FB8E by changing the saturation by 10% instead.

 00FB8E

 00FB8E

FFFFFF

 00DE74

 72FFC5

 00C15A

 95FFE1

 00A541

 B6FFFE

 008928

 D6FFFF

 006E0D

 F6FFFF

 005400

 003C00

 002100

 000000

 00FB8E

 19FB99

 32FBA4

 4BFBAF

 64FBBA

 7EFBC4

 97FBCF

 B0FBDA

 C9FBE5

 E2FBF0

Harmonies

Analogous

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



AEEF49



00FB8E



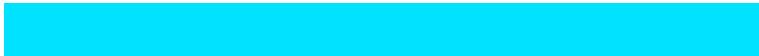
00FFDF

Triad

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



00FB8E



00E2FF



FF9C8C

Complementary

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



00FB8E



FB006D

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.



FF8FD9



00FB8E



E3C4FF

Square

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



00FB8E



00F6FF



FFA1FF



FFBB4B

Rectangle

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



00FB8E



00FFFF



FFA1FF



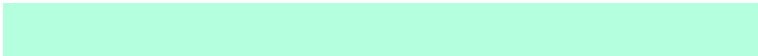
FF94A4

Sweetspot

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



00FB8E



B3FFDE



71FB00



52806C



000000



808080

Same Dimension

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



00FB8E



00FF90



00EEFB



707D78



00BD6B



003D23

Inverse Universe

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



FB006D



FF006F



FB0D00



7D7076



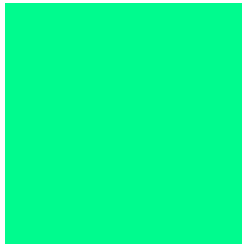
BD0052



3D001B

Previews

White Background



This preview shows how the Hex color 00FB8E 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 00FB8E 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 00FB8E Background



This preview shows how black text looks on a background with the Hex color 00FB8E.

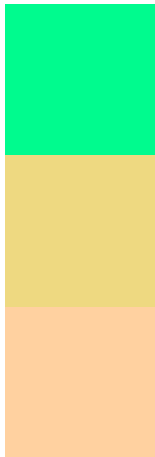


This preview shows how white text looks on a background with the Hex color 00FB8E.

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](#).

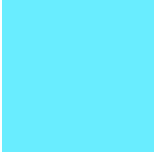
Dichromacy



Original Color
00FB8E

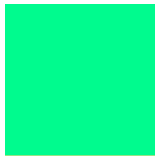
Protanopia
EED981

Deuteranopia
FFD1A0



Tritanopia
69EDFF

Trichromacy



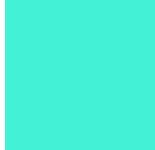
Original Color
00FB8E



Protanomaly
97E586



Deuteranomaly
A2E099



Tritanomaly
43F2D6

Monochromacy



Original Color
00FB8E



Achromatopsia
A4A4A4



Achromatomaly
68C49C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00FB8E 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 #00FB8E looks like.

```
.text, #text, p{  
    color:#00FB8E  
}
```

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 #00FB8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FB8E
}
```

Border

The CSS property to change the border of an element to Hex 00FB8E 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
#00FB8E }
```

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

```
.border{ border-color:#00FB8E }
```

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

Here you see how a box with a 4 pixel #00FB8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FB8E; -webkit-box-shadow:4px 4px  
4px 4px #00FB8E; box-shadow:4px 4px 4px  
4px #00FB8E }
```

Background

The CSS property to change the background color of an element to Hex 00FB8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FB8E }
```

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

```
.background{ background-color:#00FB8E }
```

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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