

Converting Colors

Hex(00FC8E)

Have a look what the booklet for
Hex(00FC8E) contains.

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Color

Hex(00FC8E)

Conversions

Conversions Part 1

Format	Color
Hex	00FC8E
RGB	0, 252, 142
RGB Percent	0%, 99%, 56%
CMY	1.0000, 0.0118, 0.4431
CMYK	1.00, 0.00, 0.44, 0.01
HSL	154°, 100%, 49%
HSV	154°, 100%, 99%
XYZ	39.6929, 71.5738, 37.3143
YIQ	164.1120, -114.8820, -87.6340

Conversions

Conversions Part 2

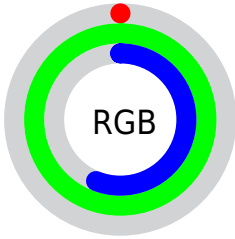
Format	Color
RYB	0, 161, 252
Decimal	64654
CIELab	87.76, -73.52, 38.94
CIELCh	88, 83.198, 152.091
Yxy	71.5738, 0.2671, 0.4817
Android (android.graphics.Color)	4278254734 (0xFF00FC8E)
YUV	164.1120, -10.9012, -143.9262
Hunter-Lab	84.6013, -64.3044, 33.0704

Details

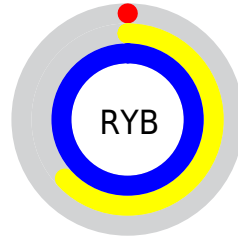
The Hex color **00FC8E** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **FC006E**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **73FFC5**, and **00C25A** is the 20% darker color. If you saturate the color by 10%, you get **00FC8E**, and if you desaturate by 10%, it is **19FC99**.

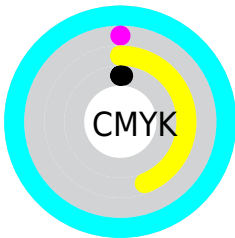
Distribution



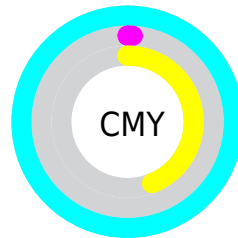
- Red (0%)
- Green (99%)
- Blue (56%)



- Red (0%)
- Yellow (63%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (1%)



- Cyan (100%)
- Magenta (1%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00FC8E 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 00FC8E by changing the saturation by 10% instead.

 00FC8E

 00FC8E

FFFFFF

 00DF74

 73FFC5

 00C25A

 95FFE1

 00A541

 B6FFFE

 008A28

 D7FFFF

 006F0C

 F7FFFF

 005500

 003C00

 002200

 000000

 00FC8E

 19FC99

 32FCA4

 4CFCAF

 65FCBA

 7EFCC5

 97FCD0

 B0FCDB

 CAFCE6

 E3FCF1

Harmonies

Analogous

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



AFF048



00FC8E



00FFDF

Triad

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



00FC8E



00E3FF



FF9C8D

Complementary

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



00FC8E



FC006E

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.



FF8FDA



00FC8E



E4C5FF

Square

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



00FC8E



00F7FF



FFA2FF



FFBC4B

Rectangle

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



00FC8E



00FFFF



FFA2FF



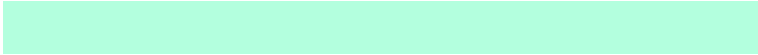
FF95A5

Sweetspot

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



00FC8E



B3FFDE



71FC00



52806B



000000



808080

Same Dimension

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



00FC8E



00FF90



00EFFC



707D77



00BD6A



003D22

Inverse Universe

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



FC006E



FF006F



FC0D00



7D7076



BD0052



3D001B

Previews

White Background



This preview shows how the Hex color 00FC8E 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 00FC8E 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 00FC8E Background



This preview shows how black text looks on a background with the Hex color 00FC8E.

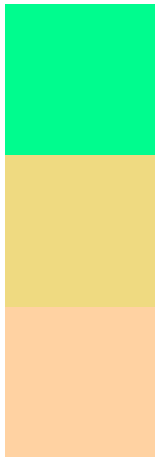


This preview shows how white text looks on a background with the Hex color 00FC8E.

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
00FC8E

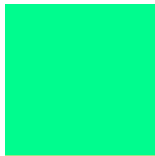
Protanopia
EFDA81

Deuteranopia
FFD2A2



Tritanopia
6EEDFF

Trichromacy



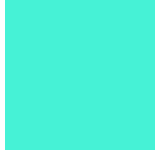
Original Color
00FC8E



Protanomaly
98E686



Deuteranomaly
A2E19B



Tritanomaly
46F2D6

Monochromacy



Original Color
00FC8E



Achromatopsia
A4A4A4



Achromatomaly
68C49C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00FC8E 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 #00FC8E looks like.

```
.text, #text, p{  
    color:#00FC8E  
}
```

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 #00FC8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FC8E
}
```

Border

The CSS property to change the border of an element to Hex 00FC8E 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
#00FC8E }
```

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

```
.border{ border-color:#00FC8E }
```

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

Here you see how a box with a 4 pixel #00FC8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FC8E; -webkit-box-shadow:4px 4px  
4px 4px #00FC8E; box-shadow:4px 4px 4px  
4px #00FC8E }
```

Background

The CSS property to change the background color of an element to Hex 00FC8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FC8E }
```

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

```
.background{ background-color:#00FC8E }
```

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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