

# Converting Colors

Hex(00FC8F)

Have a look what the booklet for  
Hex(00FC8F) contains.

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# Color

Hex(00FC8F)

# Conversions

## Conversions Part 1

Format	Color
Hex	00FC8F
RGB	0, 252, 143
RGB Percent	0%, 99%, 56%
CMY	1.0000, 0.0118, 0.4392
CMYK	1.00, 0.00, 0.43, 0.01
HSL	154°, 100%, 49%
HSV	154°, 100%, 99%
XYZ	39.7683, 71.6040, 37.7115
YIQ	164.2260, -115.2030, -87.3230

# Conversions

## Conversions Part 2

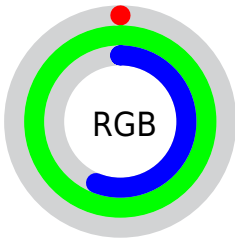
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 161, 252
Decimal	64655
CIELab	87.78, -73.35, 38.47
CIELCh	88, 82.825, 152.322
Yxy	71.6040, 0.2668, 0.4803
Android (android.graphics.Color)	4278254735 (0xFF00FC8F)
YUV	164.2260, -10.4644, -144.0262
Hunter-Lab	84.6191, -64.1941, 32.8101

# Details

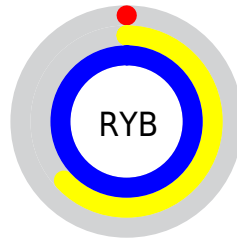
The Hex color **00FC8F** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **FC006D**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **73FFC6**, and **00C25B** is the 20% darker color. If you saturate the color by 10%, you get **00FC8F**, and if you desaturate by 10%, it is **19FC9A**.

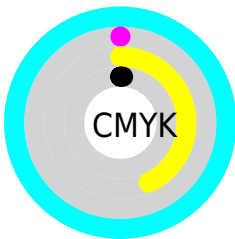
# Distribution



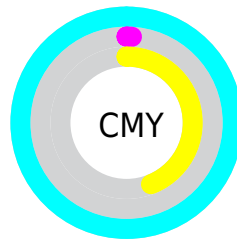
- Red (0%)
- Green (99%)
- Blue (56%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (43%)
- Black (1%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 00FC8F 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 00FC8F by changing the saturation by 10% instead.



 00FC8F

FFFFFF


 73FFC6

 95FFE2

 B6FFFF

 D7FFFF

 F7FFFF

 00FC8F

 00DF75

 00C25B

 00A542

 008A29

 006F0E

 005500

 003C00

 002200

 000000

 00FC8F

 19FC9A

 32FCA5

 4CFCB0

 65FCBB

 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.



AEF04A



00FC8F



00FFE0

# Triad

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



00FC8F



00E3FF



FF9D8C

# Complementary

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



00FC8F



FC006D

# 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



00FC8F



E5C4FF

# Square

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



00FC8F



00F7FF



FFA2FF



FFBC4C

# Rectangle

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



00FC8F



00FFFF



FFA2FF



FF95A5

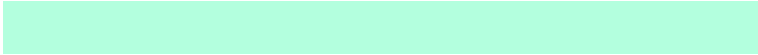


# Sweetspot

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



00FC8F



B3FFDE



6DFC00



52806C



000000



808080



# Same Dimension

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



00FC8F



00FF91



00EBFC



707D78



00BD6B



003D23



# Inverse Universe

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



FC006D



FF006E



FC1100



7D7076



BD0052

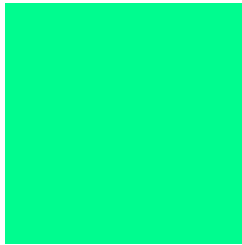


3D001A



# Previews

## White Background



This preview shows how the Hex color 00FC8F looks on a white background.

## Color Contrast Check

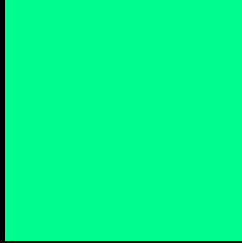
Large Text (above 18pt) WCAG AA × Fail

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 00FC8F 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 00FC8F Background



This preview shows how black text looks on a background with the Hex color 00FC8F.

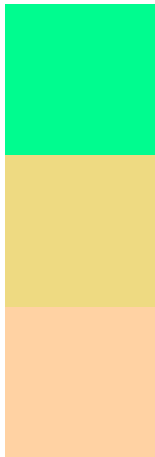


This preview shows how white text looks on a background with the Hex color 00FC8F.

# 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**  
00FC8F

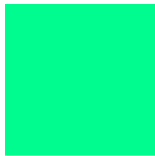
**Protanopia**  
EEDA82

**Deuteranopia**  
FFD2A3



**Tritanopia**  
6FEDFF

# Trichromacy



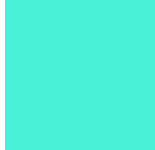
**Original Color**  
00FC8F



**Protanomaly**  
97E687



**Deuteranomaly**  
A2E19C



**Tritanomaly**  
47F2D6

# Monochromacy



**Original Color**  
00FC8F



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
68C49C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00FC8F 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 #00FC8F looks like.

```
.text, #text, p{  
    color:#00FC8F  
}
```

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 #00FC8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FC8F
}
```

## Border

The CSS property to change the border of an element to Hex 00FC8F 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
#00FC8F }
```

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

```
.border{ border-color:#00FC8F }
```

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

Here you see how a box with a 4 pixel #00FC8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FC8F; -webkit-box-shadow:4px 4px  
4px 4px #00FC8F; box-shadow:4px 4px 4px  
4px #00FC8F }
```

# Background

The CSS property to change the background color of an element to Hex 00FC8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FC8F }
```

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

```
.background{ background-color:#00FC8F }
```

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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