

# Converting Colors

Hex(00FC97)

Have a look what the booklet for  
Hex(00FC97) contains.

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**Color**

**Hex(00FC97)**

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 00FC97                        |
| RGB         | 0, 252, 151                   |
| RGB Percent | 0%, 99%, 59%                  |
| CMY         | 1.0000, 0.0118, 0.4078        |
| CMYK        | 1.00, 0.00, 0.40, 0.01        |
| HSL         | 156°, 100%, 49%               |
| HSV         | 156°, 100%, 99%               |
| XYZ         | 40.3963, 71.8552, 41.0185     |
| YIQ         | 165.1380, -117.7710, -84.8350 |

# Conversions

## Conversions Part 2

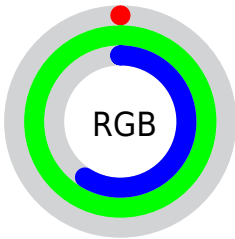
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">0, 158, 252</a>                  |
| Decimal                             | <a href="#">64663</a>                        |
| CIELab                              | <a href="#">87.90, -71.91, 34.69</a>         |
| CIELCh                              | <a href="#">88, 79.842, 154.247</a>          |
| Yxy                                 | <a href="#">71.8552, 0.2636, 0.4688</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4278254743<br/>(0xFF00FC97)</a>  |
| YUV                                 | <a href="#">165.1380, -6.9700, -144.8260</a> |
| Hunter-Lab                          | <a href="#">84.7674, -63.2780, 30.6471</a>   |

# Details

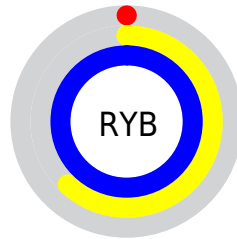
The Hex color **00FC97** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **FC0065**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **73FFCE**, and **00C263** is the 20% darker color. If you saturate the color by 10%, you get **00FC97**, and if you desaturate by 10%, it is **19FCA1**.

# Distribution



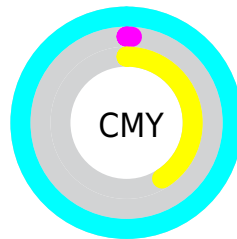
- Red (0%)
- Green (99%)
- Blue (59%)



- Red (0%)
- Yellow (62%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (1%)



- Cyan (100%)
- Magenta (1%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00FC97 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 00FC97 by changing the saturation by 10% instead.



 00FC97

FFFFFF

 73FFCE

 95FFEB

 B6FFFF

 D6FFFF

 F7FFFF

 00FC97

 00DF7D

 00C263

 00A64A

 008A32

 006F19

 005500

 003C00

 002300

 000000

 00FC97

 19FCA1

 32FCAB

 4CFCB5

 65FCBF

 7EFCCA

 97FCD4

 B0FCDE

 CAFCE8

 E3FCF2

# Harmonies

## Analogous

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



ABF054



00FC97



00FE5

# Triad

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



00FC97



29E2FF



FFA28B

# Complementary

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



00FC97



FC0065

# 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.



FF94D5



00FC97



EDC4FF

# Square

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



00FC97



00F6FF



FFA3FF



FFC04F

# Rectangle

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



00FC97



00FFFF



FFA3FF



FF9BA3

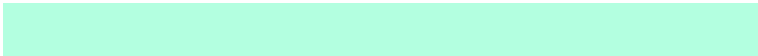


# Sweetspot

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



00FC97



B3FFE0



69FC00



52806D



000000



808080



# Same Dimension

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



00FC97



00FF99



00E7FC



707D78



00BD71



003D25



# Inverse Universe

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



FC0065



FF0066



FC1500



7D7075



BD004C

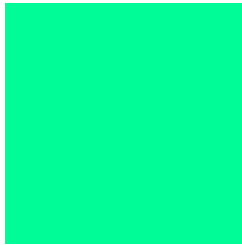


3D0019



# Previews

## White Background



This preview shows how the Hex color 00FC97 looks on a white background.

## Color Contrast Check

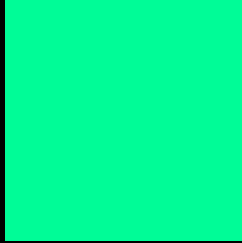
Large Text (above 18pt) WCAG AA × Fail

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 00FC97 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

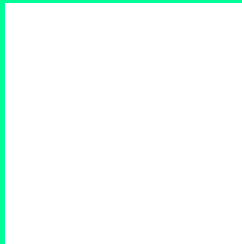
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00FC97 Background



This preview shows how black text looks on a background with the Hex color 00FC97.

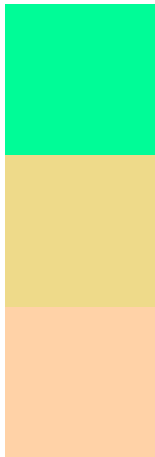


This preview shows how white text looks on a background with the Hex color 00FC97.

# 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](#).

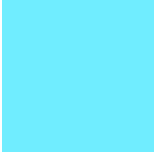
## Dichromacy



**Original Color**  
00FC97

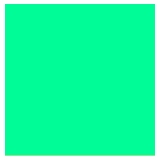
**Protanopia**  
EEDA8A

**Deuteranopia**  
FFD2A7



**Tritanopia**  
70EDFF

# Trichromacy



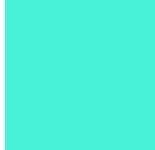
**Original Color**  
00FC97



**Protanomaly**  
97E68F



**Deuteranomaly**  
A2E1A1



**Tritanomaly**  
47F2D9

# Monochromacy



**Original Color**  
00FC97



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
69C5A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00FC97 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 #00FC97 looks like.

```
.text, #text, p{  
    color:#00FC97  
}
```

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 #00FC97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FC97
}
```

## Border

The CSS property to change the border of an element to Hex 00FC97 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
#00FC97 }
```

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

```
.border{ border-color:#00FC97 }
```

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

Here you see how a box with a 4 pixel #00FC97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FC97; -webkit-box-shadow:4px 4px  
4px 4px #00FC97; box-shadow:4px 4px 4px  
4px #00FC97 }
```

# Background

The CSS property to change the background color of an element to Hex 00FC97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FC97 }
```

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

```
.background{ background-color:#00FC97 }
```

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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