

Converting Colors

Hex(00FA7D)

Have a look what the booklet for
Hex(00FA7D) contains.

Hex(00FA7D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00FA7D)

Conversions

Conversions Part 1

Format	Color
Hex	00FA7D
RGB	0, 250, 125
RGB Percent	0%, 98%, 49%
CMY	1.0000, 0.0196, 0.5098
CMYK	1.00, 0.00, 0.50, 0.02
HSL	150°, 100%, 49%
HSV	150°, 100%, 98%
XYZ	37.8873, 69.8519, 30.8879
YIQ	161.0000, -108.8750, -91.8750

Conversions

Conversions Part 2

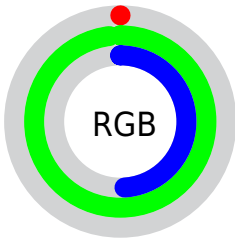
Format	Color
RYB	0, 167, 250
Decimal	64125
CIELab	86.92, -75.66, 46.04
CIELCh	87, 88.569, 148.678
Yxy	69.8519, 0.2733, 0.5039
Android (android.graphics.Color)	4278254205 (0xFF00FA7D)
YUV	161.0000, -17.7480, -141.1970
Hunter-Lab	83.5774, -65.3430, 36.5922

Details

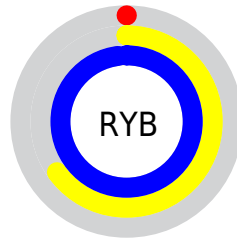
The Hex color **00FA7D** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **FA007D**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **72FFB4**, and **00C049** is the 20% darker color. If you saturate the color by 10%, you get **00FA7D**, and if you desaturate by 10%, it is **19FA8A**.

Distribution



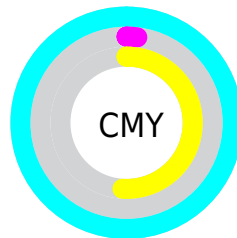
- Red (0%)
- Green (98%)
- Blue (49%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00FA7D 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 00FA7D by changing the saturation by 10% instead.

 00FA7D

 00FA7D

FFFFFF

 00DD63

 72FFB4

 00C049

 95FFD0

 00A42F

 B6FFEC

 008811

 D6FFFF

 006D00

 F6FFFF

 005200

 003A00

 002000

 000000

 00FA7D

 19FA8A

 32FA96

 4BFAA3

 64FAAF

 7DFABB

 96FAC8

 AFFAD4

 C8FAE1

 E1FAED

Harmonies

Analogous

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



B3EC2E



00FA7D



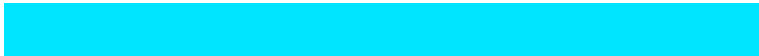
00FFD3

Triad

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



00FA7D



00E5FF



FF908E

Complementary

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



00FA7D



FA007D

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.



FF84E1



00FA7D



D0C5FF

Square

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



00FA7D



00F8FF



FF9EFF



FFB345

Rectangle

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



00FA7D



00FFFF



FF9EFF



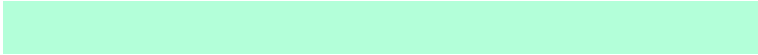
FF88A9

Sweetspot

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



00FA7D



B3FFD9



7DFA00



528069



000000



808080

Same Dimension

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



00FA7D



00FF80



00FAFA



707D77



00BD5E



003D1F

Inverse Universe

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



FA007D



FF0080



FA0000



7D7077



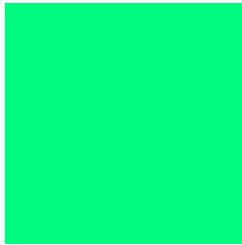
BD005E



3D001F

Previews

White Background



This preview shows how the Hex color 00FA7D looks on a white background.

Color Contrast Check

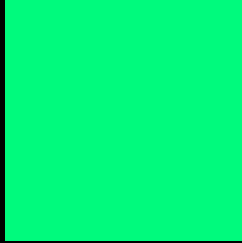
Large Text (above 18pt) WCAG AA × Fail

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 00FA7D 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 00FA7D Background



This preview shows how black text looks on a background with the Hex color 00FA7D.

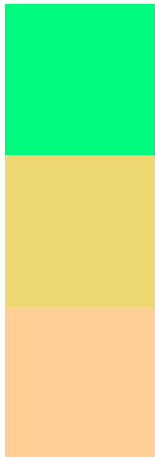


This preview shows how white text looks on a background with the Hex color 00FA7D.

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
00FA7D

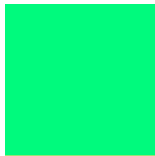
Protanopia
EED871

Deuteranopia
FFCF95

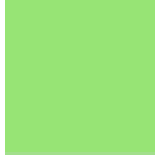


Tritanopia
60ECFF

Trichromacy



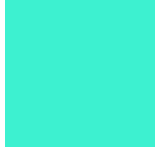
Original Color
00FA7D



Protanomaly
97E475



Deuteranomaly
A2DF8C



Tritanomaly
3DF1D0

Monochromacy



Original Color
00FA7D



Achromatopsia
A1A1A1



Achromatomaly
66C194

CSS Examples

Text

The CSS property to change the color of the text to Hex 00FA7D 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 #00FA7D looks like.

```
.text, #text, p{  
    color:#00FA7D  
}
```

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 #00FA7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FA7D
}
```

Border

The CSS property to change the border of an element to Hex 00FA7D 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
#00FA7D }
```

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

```
.border{ border-color:#00FA7D }
```

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

Here you see how a box with a 4 pixel #00FA7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FA7D; -webkit-box-shadow:4px 4px  
4px 4px #00FA7D; box-shadow:4px 4px 4px  
4px #00FA7D }
```

Background

The CSS property to change the background color of an element to Hex 00FA7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FA7D }
```

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

```
.background{ background-color:#00FA7D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor