

Converting Colors

Hex(00FD9D)

Have a look what the booklet for
Hex(00FD9D) contains.

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Color

Hex(00FD9D)

Conversions

Conversions Part 1

Format	Color
Hex	00FD9D
RGB	0, 253, 157
RGB Percent	0%, 99%, 62%
CMY	1.0000, 0.0078, 0.3843
CMYK	1.00, 0.00, 0.38, 0.01
HSL	157°, 100%, 50%
HSV	157°, 100%, 99%
XYZ	41.2111, 72.6849, 43.7558
YIQ	166.4090, -119.9720, -83.4920

Conversions

Conversions Part 2

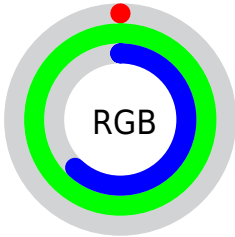
Format	Color
RYB	0, 156, 253
Decimal	64925
CIELab	88.30, -71.12, 32.23
CIELCh	88, 78.082, 155.618
Yxy	72.6849, 0.2614, 0.4610
Android (android.graphics.Color)	4278255005 (0xFF00FD9D)
YUV	166.4090, -4.6386, -145.9407
Hunter-Lab	85.2554, -62.9130, 29.2493

Details

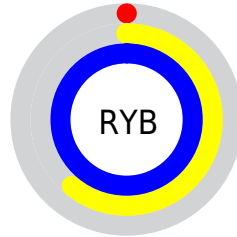
The Hex color **00FD9D** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **FD0060**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **73FFD4**, and **00C369** is the 20% darker color. If you saturate the color by 10%, you get **00FD9D**, and if you desaturate by 10%, it is **19FDA7**.

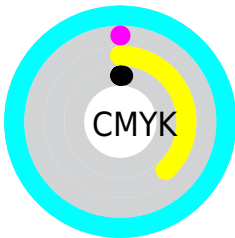
Distribution



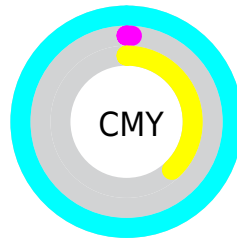
- Red (0%)
- Green (99%)
- Blue (62%)



- Red (0%)
- Yellow (61%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (1%)



- Cyan (100%)
- Magenta (1%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00FD9D 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 00FD9D by changing the saturation by 10% instead.

 00FD9D

 00FD9D

FFFFFF

 00E082

 73FFD4

 00C369

 96FFF1

 00A750

 B6FFF5

 008B38

 D7FFF5

 007020

 F7FFF5

 005606

 003D00

 002400

 000000

 00FD9D

 19FDA7

 33FDB0

 4CFDBA

 65FDC3

 7FFDCD

 98FDD7

 B1FDE0

 CAFDEA

 E4DF3

Harmonies

Analogous

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



AAF25C



00FD9D



00FFEA

Triad

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



00FD9D



4FE1FF



FFA68B

Complementary

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



00FD9D



FD0060

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.



FF98D3



00FD9D



F3C4FF

Square

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



00FD9D



00F5FF



FFA5FF



FFC352

Rectangle

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



00FD9D



00FFFF



FFA5FF



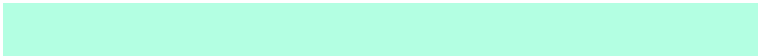
FF9FA2

Sweetspot

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



00FD9D



B3FFE2



61FD00



52806E



000000



808080

Same Dimension

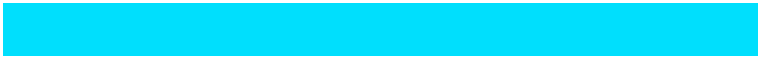
The Same Dimension uses a secret algorithm to generate beautiful new colors.



00FD9D



00FF9E



00DFFD



73807B



00BF77



004028

Inverse Universe

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



FD0060



FF0061



FD1E00



807378



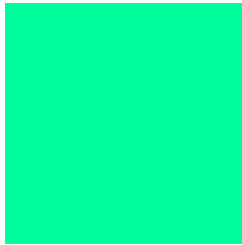
BF0049



400018

Previews

White Background



This preview shows how the Hex color 00FD9D looks on a white background.

Color Contrast Check

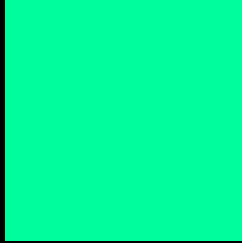
Large Text (above 18pt) WCAG AA × Fail

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 00FD9D 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 00FD9D Background



This preview shows how black text looks on a background with the Hex color 00FD9D.

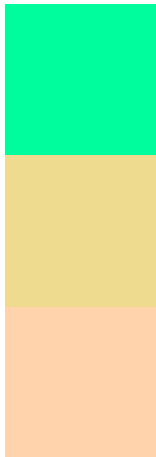


This preview shows how white text looks on a background with the Hex color 00FD9D.

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
00FD9D

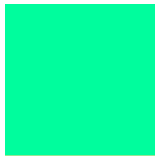
Protanopia
EEDB8F

Deuteranopia
FFD3AC



Tritanopia
77EEFF

Trichromacy



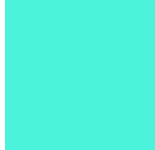
Original Color
00FD9D



Protanomaly
97E794



Deuteranomaly
A2E2A7

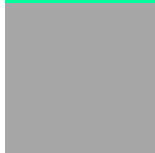


Tritanomaly
4CF3DB

Monochromacy



Original Color
00FD9D



Achromatopsia
A6A6A6



Achromatomaly
6AC6A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 00FD9D 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 #00FD9D looks like.

```
.text, #text, p{  
    color:#00FD9D  
}
```

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 #00FD9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FD9D
}
```

Border

The CSS property to change the border of an element to Hex 00FD9D 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
#00FD9D }
```

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

```
.border{ border-color:#00FD9D }
```

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

Here you see how a box with a 4 pixel #00FD9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FD9D; -webkit-box-shadow:4px 4px  
4px 4px #00FD9D; box-shadow:4px 4px 4px  
4px #00FD9D }
```

Background

The CSS property to change the background color of an element to Hex 00FD9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FD9D }
```

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

```
.background{ background-color:#00FD9D }
```

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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