

Converting Colors

Hex(00FF9F)

Have a look what the booklet for
Hex(00FF9F) contains.

Hex(00FF9F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(00FF9F)

Conversions

Conversions Part 1

Format	Color
Hex	00FF9F
RGB	0, 255, 159
RGB Percent	0%, 100%, 62%
CMY	1.0000, 0.0000, 0.3765
CMYK	1.00, 0.00, 0.38, 0.00
HSL	157°, 100%, 50%
HSV	157°, 100%, 100%
XYZ	42.0180, 74.0232, 44.8742
YIQ	167.8110, -121.1640, -83.9160

Conversions

Conversions Part 2

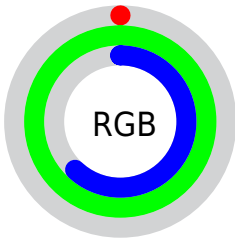
Format	Color
RYB	0, 157, 255
Decimal	65439
CIELab	88.93, -71.41, 32.08
CIELCh	89, 78.283, 155.805
Yxy	74.0232, 0.2611, 0.4600
Android (android.graphics.Color)	4278255519 (0xFF00FF9F)
YUV	167.8110, -4.3438, -147.1702
Hunter-Lab	86.0367, -63.3897, 29.3018

Details

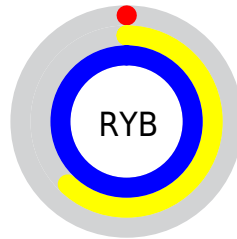
The Hex color **00FF9F** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **FF0060**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **73FFD6**, and **00C56B** is the 20% darker color. If you saturate the color by 10%, you get **00FF9F**, and if you desaturate by 10%, it is **19FFA9**.

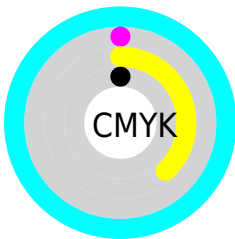
Distribution



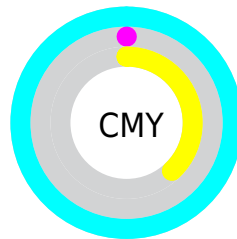
- Red (0%)
- Green (100%)
- Blue (62%)



- Red (0%)
- Yellow (62%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00FF9F 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 00FF9F by changing the saturation by 10% instead.

 00FF9F

 00FF9F

FFFFFF

 00E284

 73FFD6

 00C56B

 96FFF3

 00A852

 B7FFF3

 008D39

 D8FFF3

 007221

 F8FFF3

 005708

 003E00

 002500

 000000

 00FF9F

 19FFA9

 33FFB2

 4DFFBC

 66FFC5

 80FFCF

 99FFD9

 B3FFE2

 CCFFEC

 E6FFF5

Harmonies

Analogous

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



ABF45D



00FF9F



00FFEC

Triad

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



00FF9F



54E3FF



FFA88C

Complementary

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



00FF9F



FF0060

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.



FF99D4



00FF9F



F5C5FF

Square

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



00FF9F



00F7FF



FFA7FF



FFC553

Rectangle

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



00FF9F



00FFFF



FFA7FF



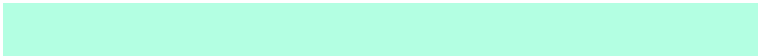
FFA0A3

Sweetspot

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



00FF9F



B3FFE2



62FF00



52806E



000000



808080

Same Dimension

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



00FF9F



00E1FF



73807B



00BF77



004028

Inverse Universe

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



FF0060



FF1E00



807378



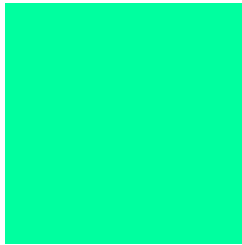
BF0048



400018

Previews

White Background



This preview shows how the Hex color 00FF9F looks on a white background.

Color Contrast Check

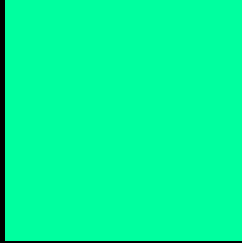
Large Text (above 18pt) WCAG AA × Fail

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 00FF9F 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 00FF9F Background



This preview shows how black text looks on a background with the Hex color 00FF9F.

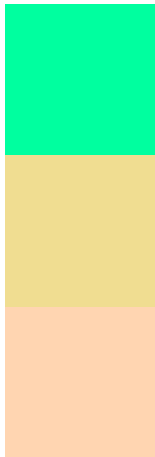


This preview shows how white text looks on a background with the Hex color 00FF9F.

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](#).

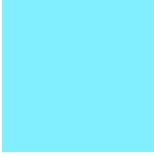
Dichromacy



Original Color
00FF9F

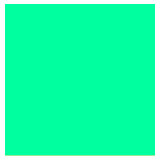
Protanopia
F0DD91

Deuteranopia
FFD5B1



Tritanopia
81EFFF

Trichromacy



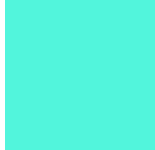
Original Color
00FF9F



Protanomaly
99E996



Deuteranomaly
A2E4AA

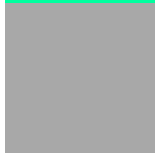


Tritanomaly
52F5DC

Monochromacy



Original Color
00FF9F



Achromatopsia
A8A8A8



Achromatomaly
6BC8A5

CSS Examples

Text

The CSS property to change the color of the text to Hex 00FF9F 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 #00FF9F looks like.

```
.text, #text, p{  
    color:#00FF9F  
}
```

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 #00FF9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FF9F
}
```

Border

The CSS property to change the border of an element to Hex 00FF9F 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
#00FF9F }
```

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

```
.border{ border-color:#00FF9F }
```

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

Here you see how a box with a 4 pixel #00FF9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FF9F; -webkit-box-shadow:4px 4px  
4px 4px #00FF9F; box-shadow:4px 4px 4px  
4px #00FF9F }
```

Background

The CSS property to change the background color of an element to Hex 00FF9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FF9F }
```

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

```
.background{ background-color:#00FF9F }
```

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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