

Converting Colors

Hex(00FF94)

Have a look what the booklet for
Hex(00FF94) contains.

Hex(00FF94)	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(00FF94)

Conversions

Conversions Part 1

Format	Color
Hex	00FF94
RGB	0, 255, 148
RGB Percent	0%, 100%, 58%
CMY	1.0000, 0.0000, 0.4196
CMYK	1.00, 0.00, 0.42, 0.00
HSL	155°, 100%, 50%
HSV	155°, 100%, 100%
XYZ	41.1053, 73.6581, 40.0679
YIQ	166.5570, -117.6330, -87.3370

Conversions

Conversions Part 2

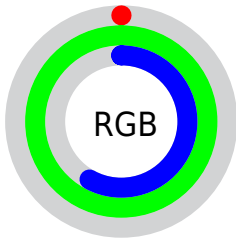
Format	Color
RYB	0, 161, 255
Decimal	65428
CIELab	88.76, -73.44, 37.30
CIELCh	89, 82.370, 153.073
Yxy	73.6581, 0.2655, 0.4757
Android (android.graphics.Color)	4278255508 (0xFF00FF94)
YUV	166.5570, -9.1486, -146.0705
Hunter-Lab	85.8243, -64.7005, 32.3969

Details

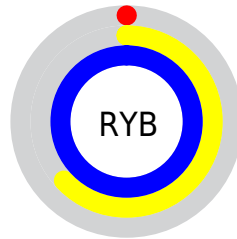
The Hex color **00FF94** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **FF006B**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **73FFCB**, and **00C560** is the 20% darker color. If you saturate the color by 10%, you get **00FF94**, and if you desaturate by 10%, it is **19FF9F**.

Distribution



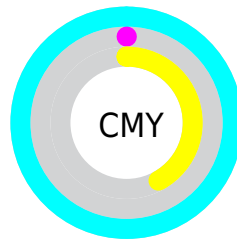
- Red (0%)
- Green (100%)
- Blue (58%)



- Red (0%)
- Yellow (63%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00FF94 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 00FF94 by changing the saturation by 10% instead.

 00FF94

FFFFFF

 73FFCB

 96FFE7

 B7FFFF

 D8FFFF

 F8FFFF

 00FF94

 00E27A

 00C560

 00A847

 008D2E

 007214

 005700

 003E00

 002500

 000000

 00FF94

 19FF9F

 33FFA9

 4DFFB4

 66FFBF

 80FFCA

 99FFD4

 B3FFDF

 CCFFEA

 E6FFF4

Harmonies

Analogous

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



AFF34F



00FF94



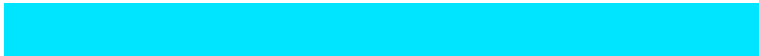
00FE5

Triad

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



00FF94



00E5FF



FFA18E

Complementary

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



00FF94



FF006B

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.



FF93DA



00FF94



EBC6FF

Square

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



00FF94



00F9FF



FFA5FF



FFC04E

Rectangle

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



00FF94



00FFFF



FFA5FF



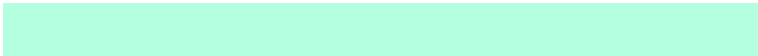
FF99A6

Sweetspot

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



00FF94



B3FFDF



6EFF00



52806C



000000



808080

Same Dimension

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



00FF94



00EEFF



73807A



00BF6F



004025

Inverse Universe

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



FF006B



FF1100



807378



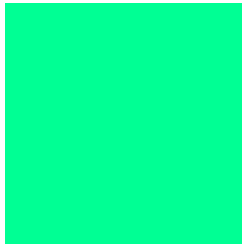
BF0050



40001B

Previews

White Background



This preview shows how the Hex color 00FF94 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 00FF94 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 00FF94 Background



This preview shows how black text looks on a background with the Hex color 00FF94.



This preview shows how white text looks on a background with the Hex color 00FF94.

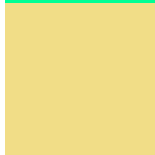
Color Blindness Simulation

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



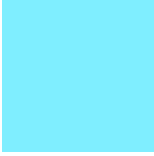
Original Color
00FF94



Protanopia
F1DD87

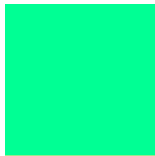


Deuteranopia
FFD5AC



Tritanopia
7FEEFF

Trichromacy



Original Color
00FF94



Protanomaly
99E98C



Deuteranomaly
A2E4A3



Tritanomaly
51F4D8

Monochromacy



Original Color
00FF94



Achromatopsia
A7A7A7



Achromatomaly
6AC7A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 00FF94 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 #00FF94 looks like.

```
.text, #text, p{  
    color:#00FF94  
}
```

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 #00FF94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FF94
}
```

Border

The CSS property to change the border of an element to Hex 00FF94 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
#00FF94 }
```

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

```
.border{ border-color:#00FF94 }
```

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

Here you see how a box with a 4 pixel #00FF94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FF94; -webkit-box-shadow:4px 4px  
4px 4px #00FF94; box-shadow:4px 4px 4px  
4px #00FF94 }
```

Background

The CSS property to change the background color of an element to Hex 00FF94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FF94 }
```

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

```
.background{ background-color:#00FF94 }
```

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