

Converting Colors

Hex(94FF03)

Have a look what the booklet for
Hex(94FF03) contains.

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Color

Hex(94FF03)

Conversions

Conversions Part 1

Format	Color
Hex	94FF03
RGB	148, 255, 3
RGB Percent	58%, 100%, 1%
CMY	0.4196, 0.0000, 0.9882
CMYK	0.42, 0.00, 0.99, 0.00
HSL	85°, 100%, 51%
HSV	85°, 99%, 100%
XYZ	47.9892, 77.8225, 12.5781
YIQ	194.2790, 17.1200, -101.0560

Conversions

Conversions Part 2

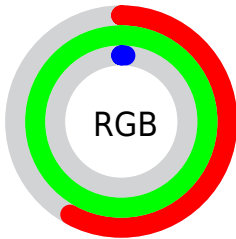
Format	Color
R _Y B	3, 255, 110
Decimal	9764611
CIE Lab	90.70, -61.77, 86.56
CIE LCh	91, 106.337, 125.511
Yxy	77.8225, 0.3468, 0.5623
Android (android.graphics.Color)	4287954691 (0xFF94FF03)
YUV	194.2790, -94.3005, -40.5867
Hunter-Lab	88.2170, -57.2776, 53.2983

Details

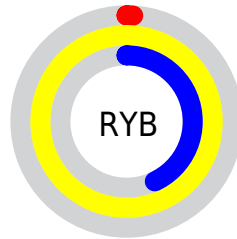
The Hex color **94FF03** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **6E03FF**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **D2FF5E**, and **54C500** is the 20% darker color. If you saturate the color by 10%, you get **93FF00**, and if you desaturate by 10%, it is **9FFF1C**.

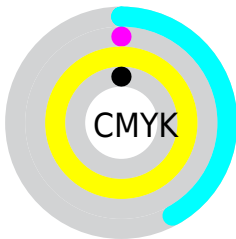
Distribution



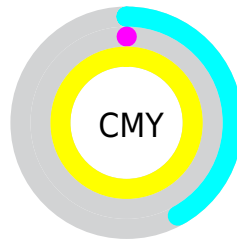
- Red (58%)
- Green (100%)
- Blue (1%)



- Red (1%)
- Yellow (100%)
- Blue (43%)



- Cyan (42%)
- Magenta (0%)
- Yellow (99%)
- Black (0%)



- Cyan (42%)
- Magenta (0%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94FF03 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 94FF03 by changing the saturation by 10% instead.

 94FF03

 94FF03

FFFFFF

 75E200

 D2FF5E

 54C500

 F0FF7D

 2FAA00

 FFFF9B

 008E00

 FFFFB9

 007400

 FFFFD7

 005A00

 FFFFF5

 004100

 002A00

 000500

 94FF03

 94FF03

 93FF00

 9FFF1C

 AAFF36

 B4FF50

 BFFF69

 CAFF83

 D5FF9C

 E0FFB5

 EBFFCF

 F5FFE9

Harmonies

Analogous

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



FFE600



94FF03



00FF8A

Triad

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



94FF03



00FFFF



FF6ED6

Complementary

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



94FF03



6E03FF

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.



FF8AFF



94FF03



00EBFF

Square

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



94FF03



00FFFF



FAC0FF



FF8D73

Rectangle

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



94FF03



00FFD1



FAC0FF



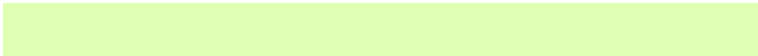
FF71F8

Sweetspot

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



94FF03



DFFF B3



FF6C03



6C8052



000000



808080

Same Dimension

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



94FF03



93FF00



18FF03



7A8073



6EBF00



254000

Inverse Universe

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



6E03FF



6C00FF



EA03FF



787380



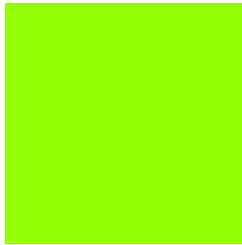
5100BF



1B0040

Previews

White Background



This preview shows how the Hex color 94FF03 looks on a white background.

Color Contrast Check

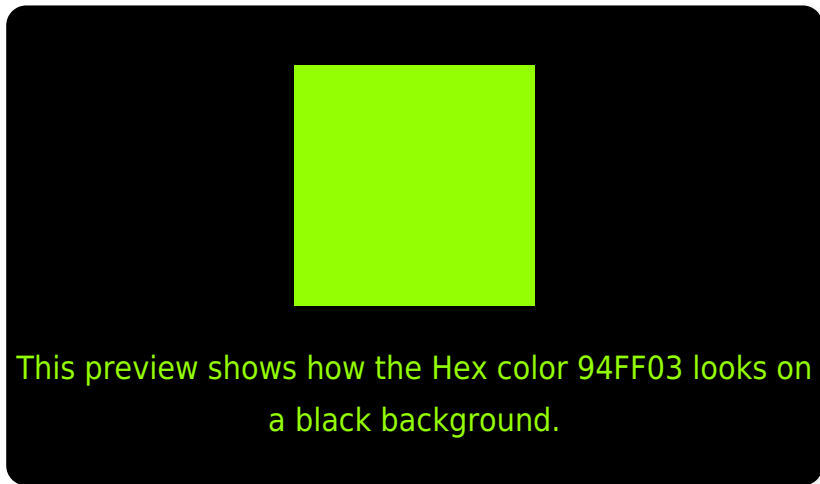
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 94FF03 Background



This preview shows how black text looks on a background with the Hex color 94FF03.

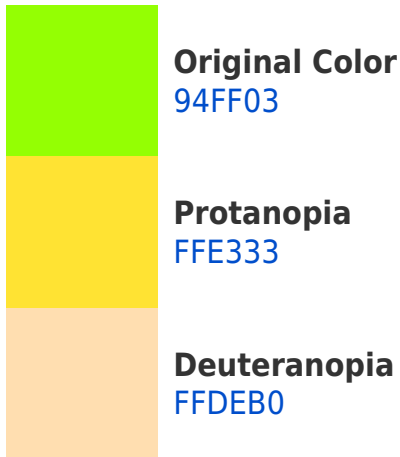


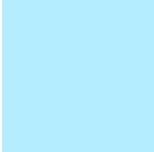
This preview shows how white text looks on a background with the Hex color 94FF03.

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](#).

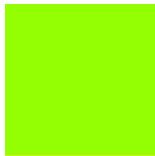
Dichromacy





Tritanopia
B4EDFF

Trichromacy



Original Color
94FF03



Protanomaly
D8ED22

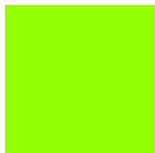


Deuteranomaly
D8EA71

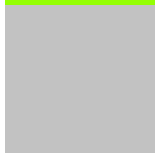


Tritanomaly
A8F4A3

Monochromacy



Original Color
94FF03



Achromatopsia
C2C2C2



Achromatomaly
B1D87D

CSS Examples

Text

The CSS property to change the color of the text to Hex 94FF03 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 #94FF03 looks like.

```
.text, #text, p{  
    color:#94FF03  
}
```

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 #94FF03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94FF03
}
```

Border

The CSS property to change the border of an element to Hex 94FF03 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
#94FF03 }
```

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

```
.border{ border-color:#94FF03 }
```

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

Here you see how a box with a 4 pixel #94FF03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94FF03; -webkit-box-shadow:4px 4px  
4px 4px #94FF03; box-shadow:4px 4px 4px  
4px #94FF03 }
```

Background

The CSS property to change the background color of an element to Hex 94FF03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94FF03 }
```

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

```
.background{ background-color:#94FF03 }
```

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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