

Converting Colors

Hex(94FF33)

Have a look what the booklet for
Hex(94FF33) contains.

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Color

Hex(94FF33)

Conversions

Conversions Part 1

Format	Color
Hex	94FF33
RGB	148, 255, 51
RGB Percent	58%, 100%, 20%
CMY	0.4196, 0.0000, 0.8000
CMYK	0.42, 0.00, 0.80, 0.00
HSL	91°, 100%, 60%
HSV	91°, 80%, 100%
XYZ	48.5703, 78.0549, 15.6382
YIQ	199.7510, 1.7120, -86.1280

Conversions

Conversions Part 2

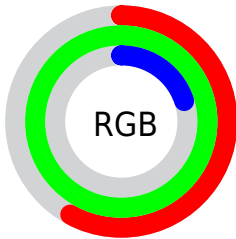
Format	Color
RYB	51, 255, 158
Decimal	9764659
CIELab	90.80, -60.62, 79.41
CIELCh	91, 99.904, 127.359
Yxy	78.0549, 0.3414, 0.5487
Android (android.graphics.Color)	4287954739 (0xFF94FF33)
YUV	199.7510, -73.3342, -45.3856
Hunter-Lab	88.3487, -56.4786, 51.3495

Details

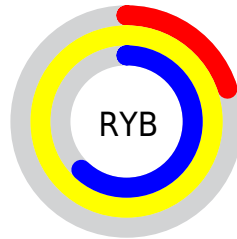
The Hex color **94FF33** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **9E33FF**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **D1FF73**, and **55C500** is the 20% darker color. If you saturate the color by 10%, you get **87FF19**, and if you desaturate by 10%, it is **A1FF4D**.

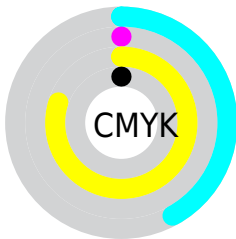
Distribution



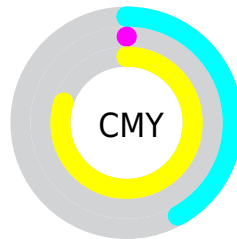
- Red (58%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (62%)



- Cyan (42%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)



- Cyan (42%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94FF33 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 94FF33 by changing the saturation by 10% instead.

 94FF33

FFFFFF

 D1FF73

 F0FF90

 FFFFAD

 FFFF CB

 FFFF E9

 94FF33

 75E200

 55C500

 31AA00

 008E00

 007400

 005A00

 004100

 002A00

 000600

 94FF33

 94FF33

 87FF19

 A1FF4D

 79FF00

 AFFF66

 BCFF80

 CAFF99

 D7FFB3

 E4FFCC

 F2FFE6

FFFFFF

Harmonies

Analogous

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



FBE800



94FF33



00FF96

Triad

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



94FF33



00FFFF



FF7CD1

Complementary

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



94FF33



9E33FF

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.



FF91FF



94FF33



00E9FF

Square

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



94FF33



00FFFF



FF00FF



FF9875

Rectangle

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



94FF33



00FFD9



FFC0FF



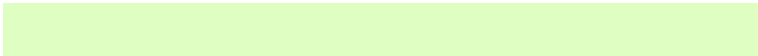
FF7EF1

Sweetspot

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



94FF33



DFFFC2



FF9C33



6C805B



000000



808080

Same Dimension

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



94FF33



7FFF0A



33FF36



798073



5BBF00



1E4000

Inverse Universe

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



9E33FF



8B0AFF



FF33FC



797380



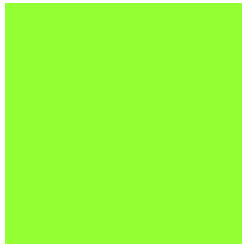
6400BF



210040

Previews

White Background



This preview shows how the Hex color 94FF33 looks on a white background.

Color Contrast Check

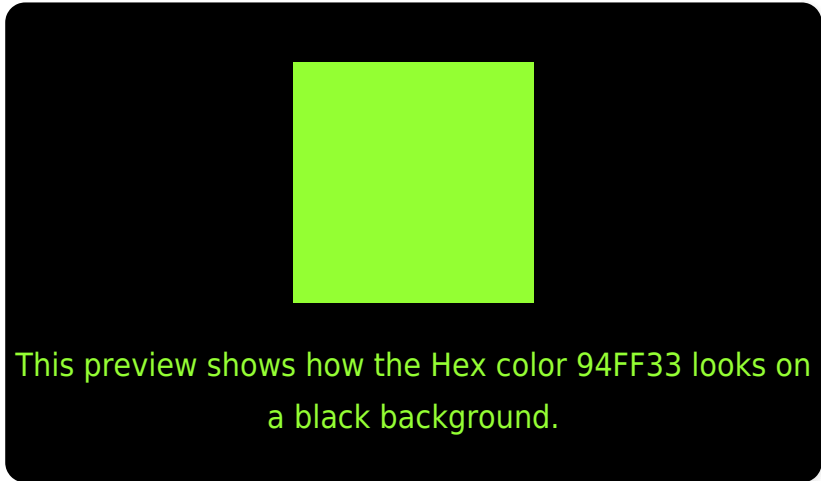
Large Text (above 18pt) WCAG AA × Fail

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

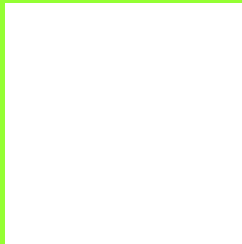
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 94FF33 Background



This preview shows how black text looks on a background with the Hex color 94FF33.

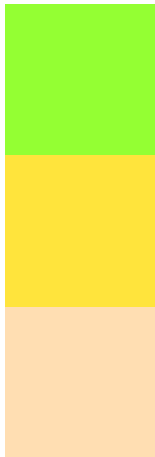


This preview shows how white text looks on a background with the Hex color 94FF33.

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](#).

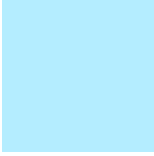
Dichromacy



Original Color
94FF33

Protanopia
FFE43C

Deuteranopia
FFDEB2



Tritanopia
B4EDFF

Trichromacy



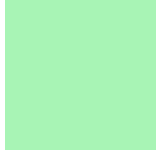
Original Color
94FF33



Protanomaly
D8EE39

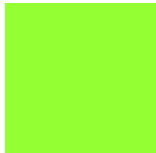


Deuteranomaly
D8EA84

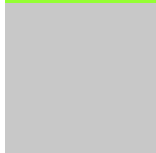


Tritanomaly
A8F4B5

Monochromacy



Original Color
94FF33



Achromatopsia
C8C8C8



Achromatomaly
B5DC92

CSS Examples

Text

The CSS property to change the color of the text to Hex 94FF33 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 #94FF33 looks like.

```
.text, #text, p{  
    color:#94FF33  
}
```

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 #94FF33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94FF33
}
```

Border

The CSS property to change the border of an element to Hex 94FF33 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
#94FF33 }
```

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

```
.border{ border-color:#94FF33 }
```

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

Here you see how a box with a 4 pixel #94FF33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94FF33; -webkit-box-shadow:4px 4px  
4px 4px #94FF33; box-shadow:4px 4px 4px  
4px #94FF33 }
```

Background

The CSS property to change the background color of an element to Hex 94FF33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94FF33 }
```

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

```
.background{ background-color:#94FF33 }
```

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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