

Converting Colors

Hex(93FC31)

Have a look what the booklet for
Hex(93FC31) contains.

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Color

Hex(93FC31)

Conversions

Conversions Part 1

Format	Color
Hex	93FC31
RGB	147, 252, 49
RGB Percent	58%, 99%, 19%
CMY	0.4235, 0.0118, 0.8078
CMYK	0.42, 0.00, 0.81, 0.01
HSL	91°, 97%, 59%
HSV	91°, 81%, 99%
XYZ	47.3974, 76.0456, 15.0859
YIQ	197.4630, 2.5830, -85.3930

Conversions

Conversions Part 2

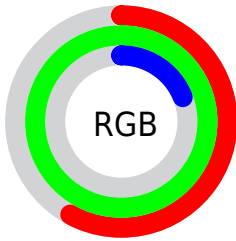
Format	Color
RYB	49, 252, 154
Decimal	9698353
CIELab	89.88, -59.88, 79.06
CIElCh	90, 99.180, 127.141
Yxy	76.0456, 0.3421, 0.5490
Android (android.graphics.Color)	4287888433 (0xFF93FC31)
YUV	197.4630, -73.1923, -44.2561
Hunter-Lab	87.2041, -55.5885, 50.7860

Details

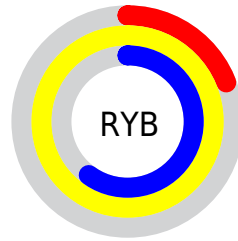
The Hex color **93FC31** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **9A31FC**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **D0FF71**, and **55C300** is the 20% darker color. If you saturate the color by 10%, you get **86FC18**, and if you desaturate by 10%, it is **A0FC4A**.

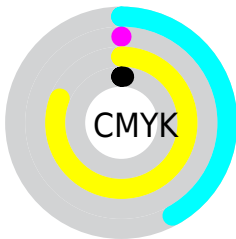
Distribution



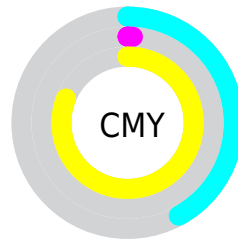
- Red (58%)
- Green (99%)
- Blue (19%)



- Red (19%)
- Yellow (99%)
- Blue (60%)



- Cyan (42%)
- Magenta (0%)
- Yellow (81%)
- Black (1%)



- Cyan (42%)
- Magenta (1%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93FC31 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 93FC31 by changing the saturation by 10% instead.

 93FC31

 93FC31

FFFFFF

 74DF00


 D0FF71

 55C300

 EEFF8E

 31A700

 FFFFAC

 008C00

 FFFFC9

 007100

 FFFFE7

 005800

 003F00

 002800

 000000

 93FC31

 93FC31

 86FC18

 A0FC4A

 7AFC00

 ADFC63

 BAFC7D

 C7FC96

 D4FCAF

 E1FCC8

 EEFC E1

 FBFCFB

 FFFCFF

Harmonies

Analogous

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



F9E500



93FC31



00FF94

Triad

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



93FC31



00FFFF



FF7ACF

Complementary

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



93FC31



9A31FC

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.



FF8FFF



93FC31



00E6FF

Square

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



93FC31



00FFFF



FFBEFF



FF9674

Rectangle

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



93FC31



00FFD6



FFBEFF



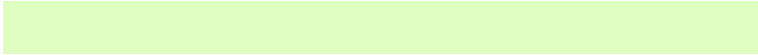
FF7CEF

Sweetspot

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



93FC31



DFFFC2



FC9A31



6C805B



000000



808080

Same Dimension

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



93FC31



7FFF08



31FC34



767D70



5BBD00



1E3D00

Inverse Universe

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



9A31FC



8808FF



FC31F9



77707D



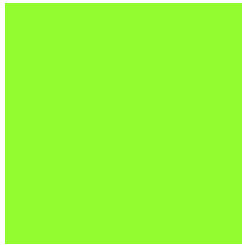
6200BD



20003D

Previews

White Background



This preview shows how the Hex color 93FC31 looks on a white background.

Color Contrast Check

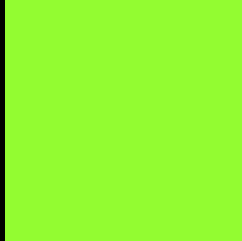
Large Text (above 18pt) WCAG AA × Fail

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 93FC31 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

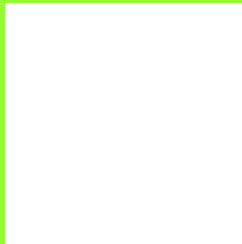
Any Text WCAG AAA ✓ Pass

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

Hex 93FC31 Background



This preview shows how black text looks on a background with the Hex color 93FC31.

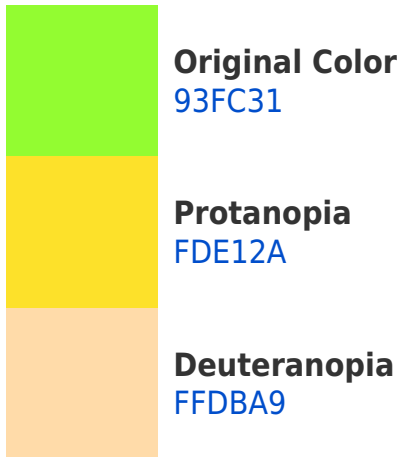


This preview shows how white text looks on a background with the Hex color 93FC31.

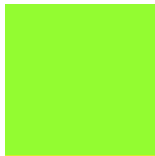
Color Blindness Simulation

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



Trichromacy



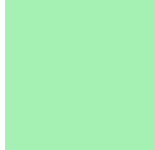
Original Color
93FC31



Protanomaly
D6EB2D



Deuteranomaly
D8E77D

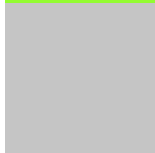


Tritanomaly
A5F1B3

Monochromacy



Original Color
93FC31



Achromatopsia
C5C5C5



Achromatomaly
B3D98F

CSS Examples

Text

The CSS property to change the color of the text to Hex 93FC31 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 #93FC31 looks like.

```
.text, #text, p{  
    color:#93FC31  
}
```

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 #93FC31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93FC31
}
```

Border

The CSS property to change the border of an element to Hex 93FC31 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
#93FC31 }
```

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

```
.border{ border-color:#93FC31 }
```

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

Here you see how a box with a 4 pixel #93FC31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93FC31; -webkit-box-shadow:4px 4px  
4px 4px #93FC31; box-shadow:4px 4px 4px  
4px #93FC31 }
```

Background

The CSS property to change the background color of an element to Hex 93FC31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93FC31 }
```

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

```
.background{ background-color:#93FC31 }
```

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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