

# Converting Colors

Hex(93FE53)

Have a look what the booklet for  
Hex(93FE53) contains.

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**Color**

**Hex(93FE53)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93FE53
RGB	147, 254, 83
RGB Percent	58%, 100%, 33%
CMY	0.4235, 0.0039, 0.6745
CMYK	0.42, 0.00, 0.67, 0.00
HSL	98°, 99%, 66%
HSV	98°, 67%, 100%
XYZ	49.0358, 77.7112, 20.5989
YIQ	202.5130, -8.8810, -75.8650

# Conversions

## Conversions Part 2

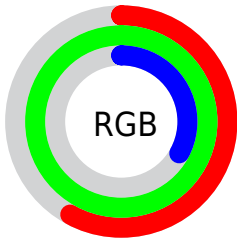
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 254, 190
Decimal	9698899
CIELab	90.65, -58.67, 69.06
CIELCh	91, 90.621, 130.350
Yxy	77.7112, 0.3328, 0.5274
Android (android.graphics.Color)	4287888979 (0xFF93FE53)
YUV	202.5130, -58.9199, -48.6849
Hunter-Lab	88.1540, -54.9785, 47.8535

# Details

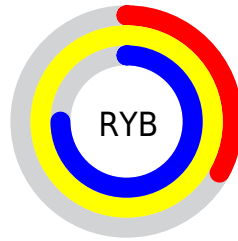
The Hex color **93FE53** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **BE53FE**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **CFFF8C**, and **56C409** is the 20% darker color. If you saturate the color by 10%, you get **83FE3A**, and if you desaturate by 10%, it is **A3FE6C**.

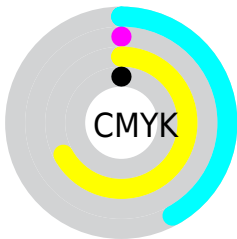
# Distribution



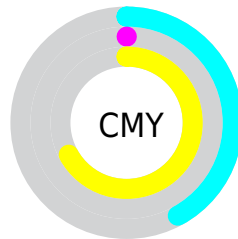
- Red (58%)
- Green (100%)
- Blue (33%)



- Red (33%)
- Yellow (100%)
- Blue (75%)



- Cyan (42%)
- Magenta (0%)
- Yellow (67%)
- Black (0%)



- Cyan (42%)
- Magenta (0%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93FE53 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 93FE53 by changing the saturation by 10% instead.



 93FE53

 93FE53

FFFFFF

 75E135

 CFFF8C

 56C409

 EDFFA9

 34A900


 FFFFC5

 008D00

 FFFF E3

 007300

 005900

 004000

 002A00

 000400

 93FE53

 93FE53

 83FE3A

 A3FE6C

 73FE20

 B3FE86

 63FE07

 C3FE9F

 5FFE00

 D3FEB9

 E2FED2

 F2FEEB

FFFEFF

# Harmonies

## Analogous

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



F3EA02



93FE53



00FFA6

# Triad

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



93FE53



00DFF



FF8DCA

# Complementary

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



93FE53



BE53FE

# 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.



FF99FF



93FE53



51E4FF

# Square

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



93FE53



00FFFF



FFBFFF



FFA678

# Rectangle

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



93FE53



00FFE3



FFBFFF



FF8DE7

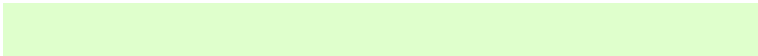


# Sweetspot

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



93FE53



DFFFCC



FEBC53



6C8061



000000



808080



# Same Dimension

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



93FE53



7EFF30



53FE67



788073



48BF00



184000



# Inverse Universe

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



BE53FE



B230FF



FE53EA



7B7380



7800BF

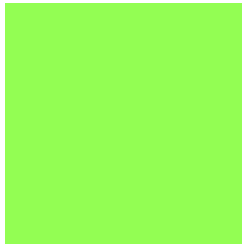


280040



# Previews

## White Background



This preview shows how the Hex color 93FE53 looks on a white background.

## Color Contrast Check

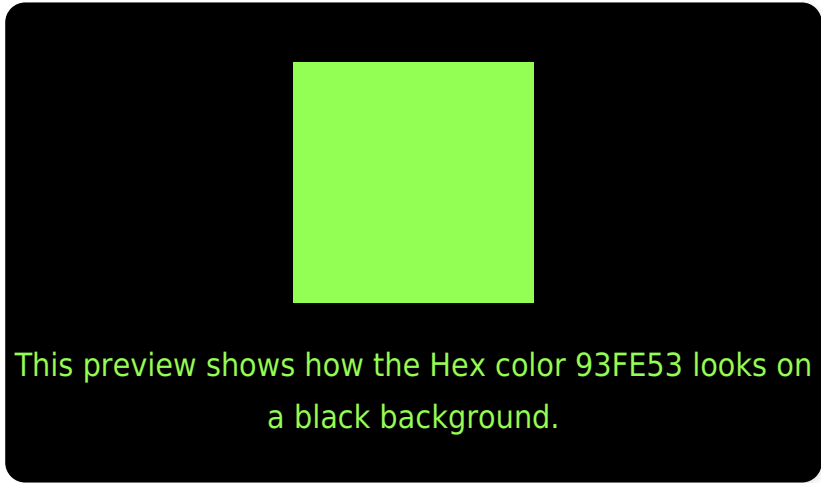
Large Text (above 18pt) WCAG AA × Fail

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

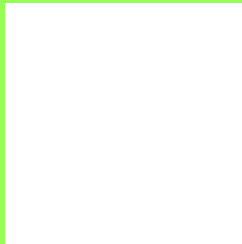
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 93FE53 Background



This preview shows how black text looks on a background with the Hex color 93FE53.

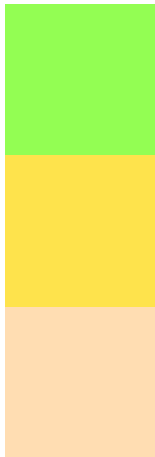


This preview shows how white text looks on a background with the Hex color 93FE53.

# 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](#).

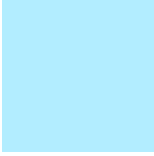
## Dichromacy



**Original Color**  
93FE53

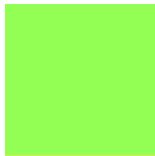
**Protanopia**  
FEE34C

**Deuteranopia**  
FFDDB2



**Tritanopia**  
B2EDFF

# Trichromacy



**Original Color**  
93FE53



**Protanomaly**  
D7ED4F

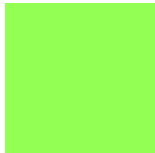


**Deuteranomaly**  
D8E98F

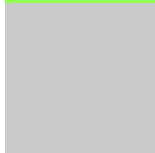


**Tritanomaly**  
A7F3C0

# Monochromacy



**Original Color**  
93FE53



**Achromatopsia**  
CBCBCB



**Achromatomaly**  
B7DE9F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93FE53 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 #93FE53 looks like.

```
.text, #text, p{  
    color:#93FE53  
}
```

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 #93FE53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93FE53
}
```

## Border

The CSS property to change the border of an element to Hex 93FE53 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
#93FE53 }
```

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

```
.border{ border-color:#93FE53 }
```

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

Here you see how a box with a 4 pixel #93FE53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93FE53; -webkit-box-shadow:4px 4px  
4px 4px #93FE53; box-shadow:4px 4px 4px  
4px #93FE53 }
```

# Background

The CSS property to change the background color of an element to Hex 93FE53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93FE53 }
```

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

```
.background{ background-color:#93FE53 }
```

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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