

# Converting Colors

Hex(39F950)

Have a look what the booklet for  
Hex(39F950) contains.

<b>Hex(39F950)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(39F950)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39F950
RGB	57, 249, 80
RGB Percent	22%, 98%, 31%
CMY	0.7765, 0.0235, 0.6863
CMYK	0.77, 0.00, 0.68, 0.02
HSL	127°, 94%, 60%
HSV	127°, 77%, 98%
XYZ	37.0110, 69.2004, 18.9958
YIQ	172.3260, -60.1830, -93.2630

# Conversions

## Conversions Part 2

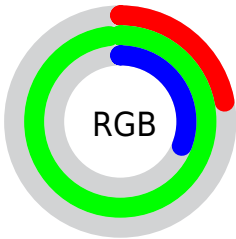
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	57, 228, 249
Decimal	3799376
CIE Lab	86.60, -77.14, 65.15
CIE LCh	87, 100.967, 139.816
Yxy	69.2004, 0.2956, 0.5527
Android (android.graphics.Color)	4281989456 (0xFF39F950)
YUV	172.3260, -45.5167, -101.1409
Hunter-Lab	83.1868, -66.1597, 44.6918

# Details

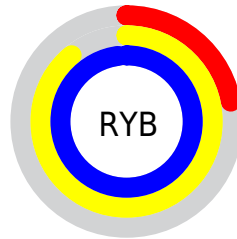
The Hex color **39F950** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **F939E2**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **86FF88**, and **00BF06** is the 20% darker color. If you saturate the color by 10%, you get **20F93A**, and if you desaturate by 10%, it is **52F966**.

# Distribution



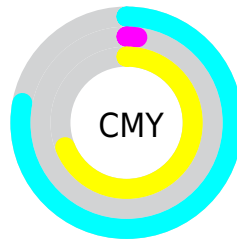
- Red (22%)
- Green (98%)
- Blue (31%)



- Red (22%)
- Yellow (89%)
- Blue (98%)



- Cyan (77%)
- Magenta (0%)
- Yellow (68%)
- Black (2%)



- Cyan (78%)
- Magenta (2%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39F950 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 39F950 by changing the saturation by 10% instead.



 39F950

 39F950

FFFFFF

 00DC32

 86FF88

 00BF06

 A7FFA5

 00A300

 C7FFC1

 008700

 E7FFDF

 006C00

 FFFFFC

 005200

 003A00

 001F00

 000000

 39F950

 39F950

 20F93A

 52F966

 07F924

 6BF97C

 00F91E

 84F992

 9DF9A8

 B5F9BE

 CEF9D4

 E7F9E9

 FFF9FF

# Harmonies

## Analogous

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



C7E700



39F950



00FFB4

# Triad

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



39F950



00EEFF



FF739E

# Complementary

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



39F950



F939E2

# 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.



FF72FE



39F950



86CEFF

# Square

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



39F950



00FFFF



FF9FFF



FF9E44

# Rectangle

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



39F950



00FF7



FF9FFF



FF6CBE

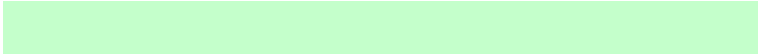


# Sweetspot

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



39F950



C4FFCB



E3F939



5C8060



000000



808080



# Same Dimension

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



39F950



12FF2E



39F9AF



707D72



00BD17



003D07



# Inverse Universe

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



F939E2



FF12E3



F93983



7D707B



BD00A6

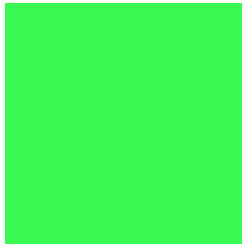


3D0036



# Previews

## White Background



This preview shows how the Hex color 39F950 looks on a white background.

## Color Contrast Check

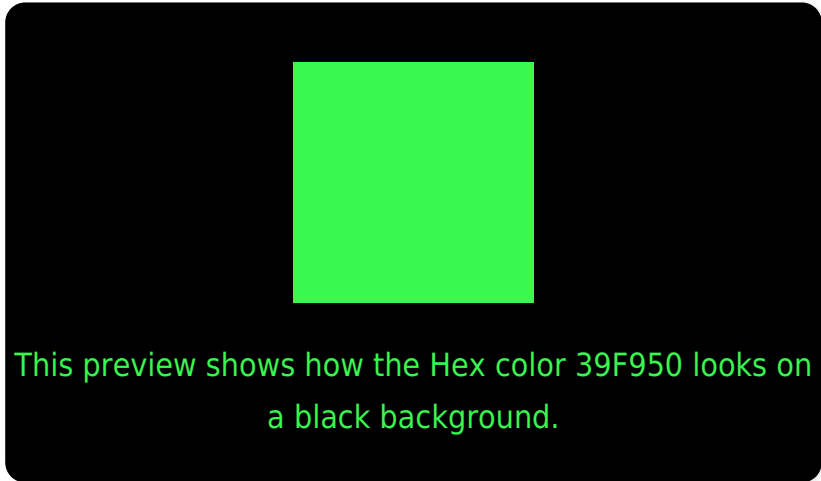
Large Text (above 18pt) WCAG AA × Fail

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 39F950 Background



This preview shows how black text looks on a background with the Hex color 39F950.

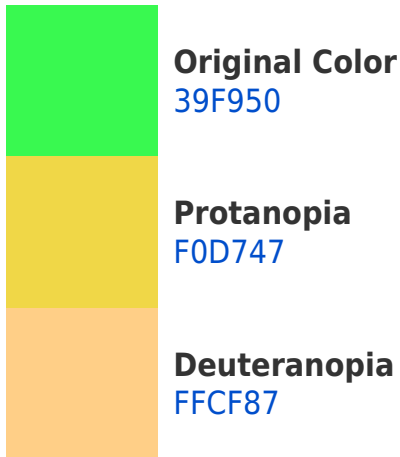


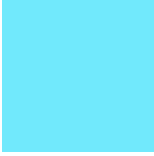
This preview shows how white text looks on a background with the Hex color 39F950.

# 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](#).

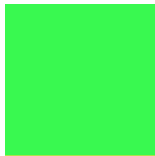
## Dichromacy





**Tritanopia**  
71E9FC

# Trichromacy



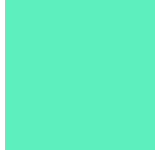
**Original Color**  
39F950



**Protanomaly**  
ADE34A

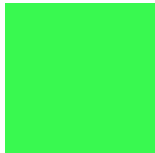


**Deuteranomaly**  
B7DE73

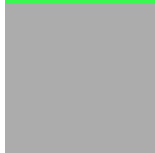


**Tritanomaly**  
5DEFBD

# Monochromacy



**Original Color**  
39F950



**Achromatopsia**  
ACACAC



**Achromatomaly**  
82C88B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39F950 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 #39F950 looks like.

```
.text, #text, p{  
    color:#39F950  
}
```

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 #39F950 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39F950
}
```

## Border

The CSS property to change the border of an element to Hex 39F950 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
#39F950 }
```

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

```
.border{ border-color:#39F950 }
```

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

Here you see how a box with a 4 pixel #39F950 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39F950; -webkit-box-shadow:4px 4px  
4px 4px #39F950; box-shadow:4px 4px 4px  
4px #39F950 }
```

# Background

The CSS property to change the background color of an element to Hex 39F950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39F950 }
```

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

```
.background{ background-color:#39F950 }
```

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