

Converting Colors

Hex(38FA4C)

Have a look what the booklet for
Hex(38FA4C) contains.

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Color

Hex(38FA4C)

Conversions

Conversions Part 1

Format	Color
Hex	38FA4C
RGB	56, 250, 76
RGB Percent	22%, 98%, 30%
CMY	0.7804, 0.0196, 0.7020
CMYK	0.78, 0.00, 0.70, 0.02
HSL	126°, 95%, 60%
HSV	126°, 78%, 98%
XYZ	37.1210, 69.7338, 18.3410
YIQ	172.1580, -59.7700, -95.2420

Conversions

Conversions Part 2

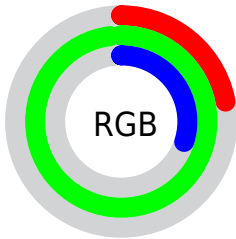
Format	Color
R _{YB}	56, 232, 250
Decimal	3734092
CIE Lab	86.87, -77.91, 66.90
CIE LCh	87, 102.691, 139.347
Yxy	69.7338, 0.2965, 0.5570
Android (android.graphics.Color)	4281924172 (0xFF38FA4C)
YUV	172.1580, -47.4059, -101.8706
Hunter-Lab	83.5067, -66.7887, 45.4326

Details

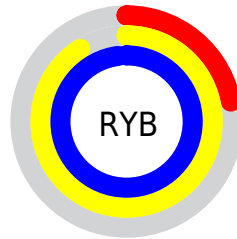
The Hex color **38FA4C** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **FA38E6**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **86FF85**, and **00C000** is the 20% darker color. If you saturate the color by 10%, you get **1FFA36**, and if you desaturate by 10%, it is **51FA62**.

Distribution



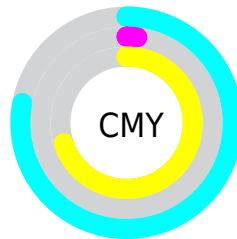
- Red (22%)
- Green (98%)
- Blue (30%)



- Red (22%)
- Yellow (91%)
- Blue (98%)



- Cyan (78%)
- Magenta (0%)
- Yellow (70%)
- Black (2%)



- Cyan (78%)
- Magenta (2%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38FA4C 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 38FA4C by changing the saturation by 10% instead.

 38FA4C

 38FA4C

FFFFFF

 00DD2D

 86FF85

 00C000

 A7FFA1

 00A400

 C7FFBE

 008800

 E7FFDB

 006D00

 FFFFF9

 005300

 003A00

 002000

 000000

 38FA4C

 38FA4C

 1FFA36

 51FA62

 06FA1F

 6AFA79

 00FA1A

 83FA8F

 9CFAA6

 B5FABC

 CEFAD3

 E7FAE9

 FFFAFF

Harmonies

Analogous

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



C9E800



38FA4C



00FFB2

Triad

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



38FA4C



00EFFF



FF709F

Complementary

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



38FA4C



FA38E6

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.



FF70FF



38FA4C



7ECFFF

Square

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



38FA4C



00FFFF



FF9FFF



FF9C43

Rectangle

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



38FA4C



00FFF6



FF9FFF



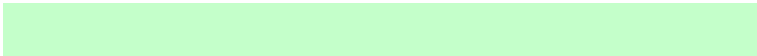
FF69BF

Sweetspot

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



38FA4C



C4FFCA



E7FA38



5C805F



000000



808080

Same Dimension

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



38FA4C



12FF2A



38FAAC



707D72



00BD13



003D06

Inverse Universe

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



FA38E6



FF12E7



FA3886



7D707C



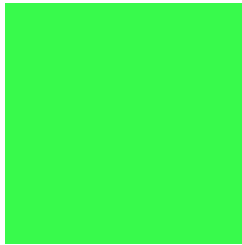
BD00A9



3D0037

Previews

White Background



This preview shows how the Hex color 38FA4C looks on a white background.

Color Contrast Check

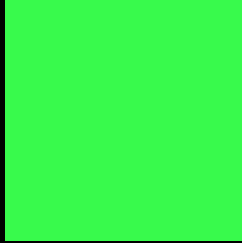
Large Text (above 18pt) WCAG AA × Fail

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 38FA4C 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 38FA4C Background



This preview shows how black text looks on a background with the Hex color 38FA4C.

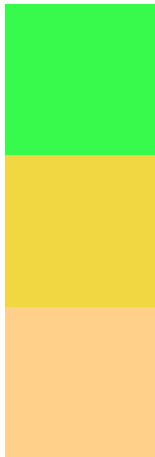


This preview shows how white text looks on a background with the Hex color 38FA4C.

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](#).

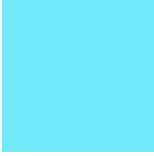
Dichromacy



Original Color
38FA4C

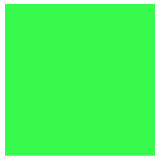
Protanopia
F1D843

Deuteranopia
FFD089



Tritanopia
72EAFC

Trichromacy



Original Color
38FA4C



Protanomaly
AEE446

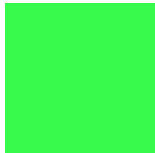


Deuteranomaly
B7DF73



Tritanomaly
5DF0BC

Monochromacy



Original Color
38FA4C



Achromatopsia
ACACAC



Achromatomaly
82C889

CSS Examples

Text

The CSS property to change the color of the text to Hex 38FA4C 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 #38FA4C looks like.

```
.text, #text, p{  
    color:#38FA4C  
}
```

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 #38FA4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38FA4C
}
```

Border

The CSS property to change the border of an element to Hex 38FA4C 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
#38FA4C }
```

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

```
.border{ border-color:#38FA4C }
```

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

Here you see how a box with a 4 pixel #38FA4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38FA4C; -webkit-box-shadow:4px 4px  
4px 4px #38FA4C; box-shadow:4px 4px 4px  
4px #38FA4C }
```

Background

The CSS property to change the background color of an element to Hex 38FA4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38FA4C }
```

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

```
.background{ background-color:#38FA4C }
```

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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