

Converting Colors

Hex(59FE4F)

Have a look what the booklet for
Hex(59FE4F) contains.

Hex(59FE4F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(59FE4F)

Conversions

Conversions Part 1

Format	Color
Hex	59FE4F
RGB	89, 254, 79
RGB Percent	35%, 100%, 31%
CMY	0.6510, 0.0039, 0.6902
CMYK	0.65, 0.00, 0.69, 0.00
HSL	117°, 99%, 65%
HSV	117°, 69%, 100%
XYZ	40.9729, 73.5720, 19.4385
YIQ	184.7150, -42.1650, -89.4050

Conversions

Conversions Part 2

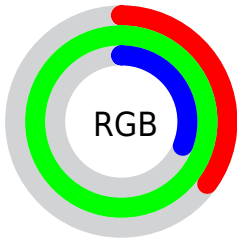
Format	Color
R_{YB}	79, 254, 244
Decimal	5897807
CIE _{Lab}	88.72, -73.67, 67.94
CIE _{LCh}	89, 100.213, 137.319
Yxy	73.5720, 0.3058, 0.5491
Android (android.graphics.Color)	4284087887 (0xFF59FE4F)
YUV	184.7150, -52.1175, -83.9421
Hunter-Lab	85.7741, -64.8381, 46.6054

Details

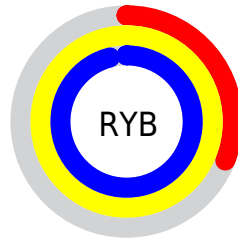
The Hex color **59FE4F** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed green. A complement of this color would be **F44FFE**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **9CFF88**, and **00C400** is the 20% darker color. If you saturate the color by 10%, you get **41FE36**, and if you desaturate by 10%, it is **71FE68**.

Distribution



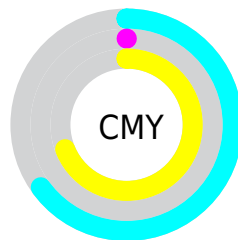
- Red (35%)
- Green (100%)
- Blue (31%)



- Red (31%)
- Yellow (100%)
- Blue (96%)



- Cyan (65%)
- Magenta (0%)
- Yellow (69%)
- Black (0%)



- Cyan (65%)
- Magenta (0%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59FE4F 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 59FE4F by changing the saturation by 10% instead.

 59FE4F

 59FE4F

FFFFFF

 2EE130

 9CFF88

 00C400

 BCFFA5

 00A800

 DBFFC1

 008C00

 FBFFDF

 007100

 FFFFFC

 005700

 003E00

 002500

 000000

 59FE4F


 59FE4F

 41FE36

 71FE68

 29FE1C

 89FE82

 11FE03

 A1FE9B

 0FFE00

 B9FEB5

 D1FECE

 E9FEE7

FFFEFF

Harmonies

Analogous

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



D6EB00



59FE4F



00FFB1

Triad

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



59FE4F



00F6FF



FF7AAC

Complementary

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



59FE4F



F44FFE

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.



FF7EFF



59FE4F



77D7FF

Square

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



59FE4F



00FFFF



FFAAFF



FFA152

Rectangle

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



59FE4F



00FFF4



FFAAFF



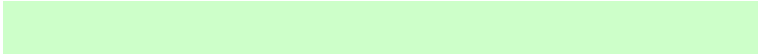
FF74CB

Sweetspot

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



59FE4F



CDFFC9



FEF24F



618060



000000



808080

Same Dimension

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



59FE4F



37FF2B



4FFE9B



738073



0BBF00



044000

Inverse Universe

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



F44FFE



F32BFF



FE4FB2



7F7380



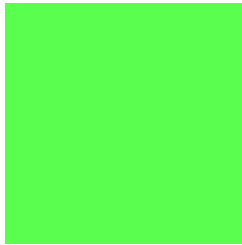
B400BF



3C0040

Previews

White Background



This preview shows how the Hex color 59FE4F looks on a white background.

Color Contrast Check

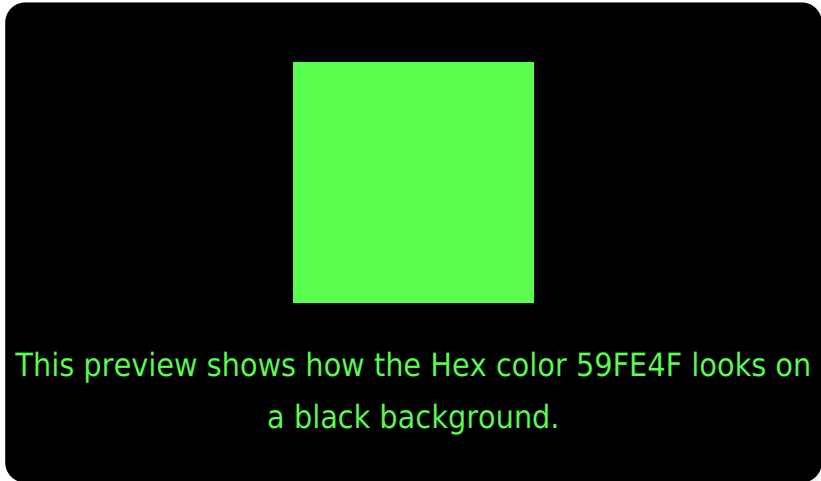
Large Text (above 18pt) WCAG AA × Fail

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

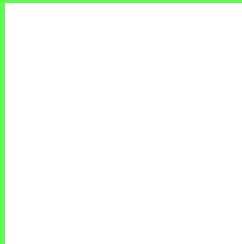
Any Text WCAG AAA ✓ Pass

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

Hex 59FE4F Background



This preview shows how black text looks on a background with the Hex color 59FE4F.

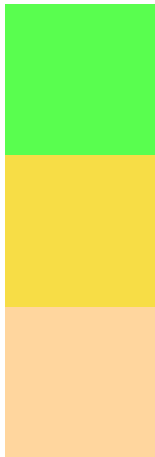


This preview shows how white text looks on a background with the Hex color 59FE4F.

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](#).

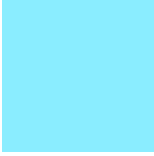
Dichromacy



Original Color
59FE4F

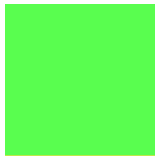
Protanopia
F7DD46

Deuteranopia
FFD69E



Tritanopia
8AEDFF

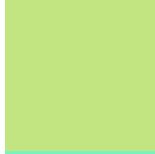
Trichromacy



Original Color
59FE4F



Protanomaly
BEE949



Deuteranomaly
C3E581

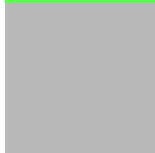


Tritanomaly
78F3BF

Monochromacy



Original Color
59FE4F



Achromatopsia
B9B9B9



Achromatomaly
96D292

CSS Examples

Text

The CSS property to change the color of the text to Hex 59FE4F 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 #59FE4F looks like.

```
.text, #text, p{  
    color:#59FE4F  
}
```

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 #59FE4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59FE4F
}
```

Border

The CSS property to change the border of an element to Hex 59FE4F 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
#59FE4F }
```

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

```
.border{ border-color:#59FE4F }
```

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

Here you see how a box with a 4 pixel #59FE4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59FE4F; -webkit-box-shadow:4px 4px  
4px 4px #59FE4F; box-shadow:4px 4px 4px  
4px #59FE4F }
```

Background

The CSS property to change the background color of an element to Hex 59FE4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59FE4F }
```

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

```
.background{ background-color:#59FE4F }
```

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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