

Converting Colors

Hex(59FF2E)

Have a look what the booklet for
Hex(59FF2E) contains.

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Color

Hex(59FF2E)

Conversions

Conversions Part 1

Format	Color
Hex	59FF2E
RGB	89, 255, 46
RGB Percent	35%, 100%, 18%
CMY	0.6510, 0.0000, 0.8196
CMYK	0.65, 0.00, 0.82, 0.00
HSL	108°, 100%, 59%
HSV	108°, 82%, 100%
XYZ	40.3730, 73.8411, 14.7097
YIQ	181.5400, -31.8470, -100.1910

Conversions

Conversions Part 2

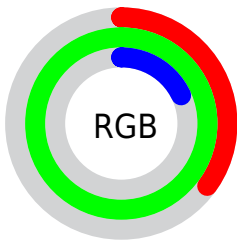
Format	Color
RYB	46, 255, 212
Decimal	5898030
CIELab	88.85, -76.07, 78.15
CIELCh	89, 109.061, 134.229
Yxy	73.8411, 0.3132, 0.5728
Android (android.graphics.Color)	4284088110 (0xFF59FF2E)
YUV	181.5400, -66.8212, -81.1576
Hunter-Lab	85.9308, -66.5142, 50.0023

Details

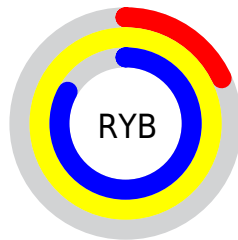
The Hex color **59FF2E** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **D42EFF**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **9DFF6F**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **45FF15**, and if you desaturate by 10%, it is **6DFF48**.

Distribution



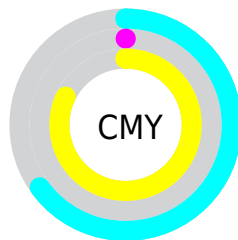
- Red (35%)
- Green (100%)
- Blue (18%)



- Red (18%)
- Yellow (100%)
- Blue (83%)



- Cyan (65%)
- Magenta (0%)
- Yellow (82%)
- Black (0%)



- Cyan (65%)
- Magenta (0%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59FF2E 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 59FF2E by changing the saturation by 10% instead.

 59FF2E

 59FF2E

FFFFFF

 2CE200

 9DFF6F

 00C500

 BEFF8C

 00A900

 DDFFAA

 008D00

 FDFFC7

 007200

 FFFF E5

 005800

 003F00

 002500

 000000

 59FF2E

 59FF2E

 45FF15

 6DFF48

 34FF00

 82FF61

 96FF7B

 AAFF94

 BEFFAE

 D3FFC7

 E7FFE1

 FBFFFA

FFFFFF

Harmonies

Analogous

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



DEEA00



59FF2E



00FFA2

Triad

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



59FF2E



00BFFF



FF64B2

Complementary

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



59FF2E



D42EFF

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.



FF71FF



59FF2E



00DBFF

Square

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



59FF2E



00FFFF



FFA9FF



FF944F

Rectangle

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



59FF2E



00FFEC



FFA9FF



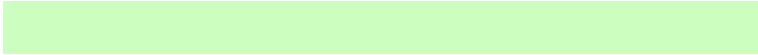
FF5FD5

Sweetspot

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



59FF2E



CCFFBF



FFD22E



618059



000000



808080

Same Dimension

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



59FF2E



39FF05



2EFF69



758073



27BF00



0D4000

Inverse Universe

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



D42EFF



CC05FF



FF2EC4



7D7380



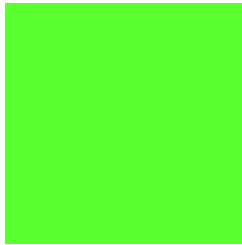
9800BF



330040

Previews

White Background



This preview shows how the Hex color 59FF2E looks on a white background.

Color Contrast Check

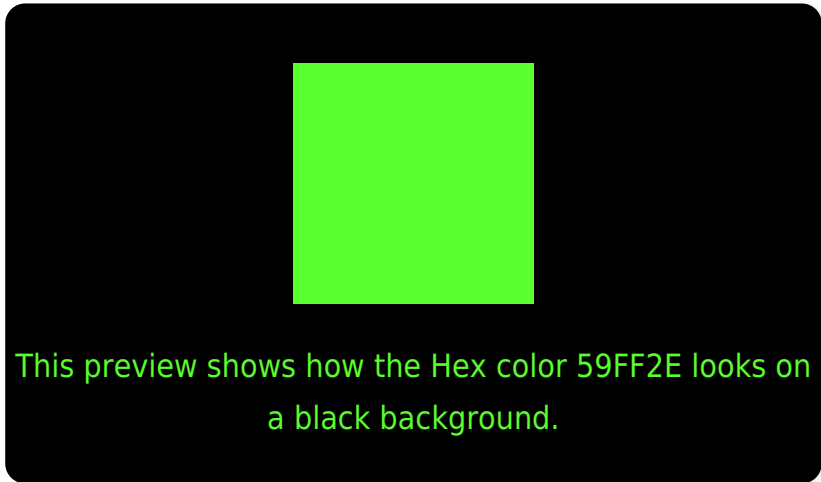
Large Text (above 18pt) WCAG AA × Fail

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

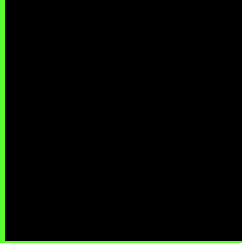
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

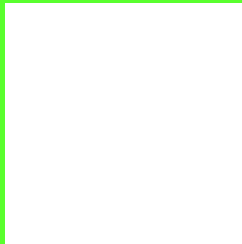
Any Text WCAG AAA ✓ Pass

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

Hex 59FF2E Background



This preview shows how black text looks on a background with the Hex color 59FF2E.

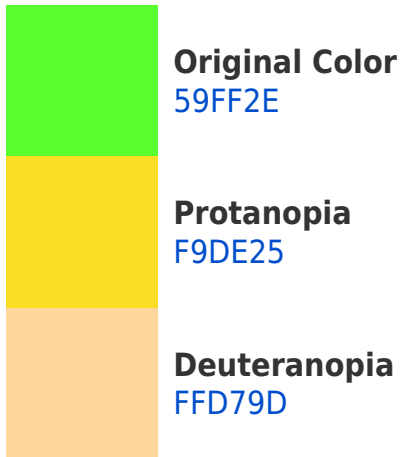


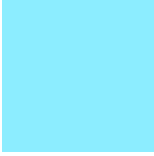
This preview shows how white text looks on a background with the Hex color 59FF2E.

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](#).

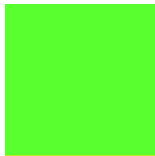
Dichromacy





Tritanopia
8CEDFF

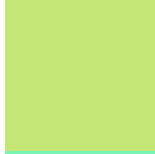
Trichromacy



Original Color
59FF2E



Protanomaly
BFEA28

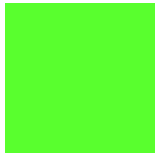


Deuteranomaly
C3E675

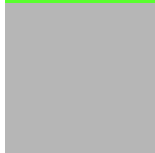


Tritanomaly
79F4B3

Monochromacy



Original Color
59FF2E



Achromatopsia
B6B6B6



Achromatomaly
94D185

CSS Examples

Text

The CSS property to change the color of the text to Hex 59FF2E 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 #59FF2E looks like.

```
.text, #text, p{  
    color:#59FF2E  
}
```

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 #59FF2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59FF2E
}
```

Border

The CSS property to change the border of an element to Hex 59FF2E 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
#59FF2E }
```

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

```
.border{ border-color:#59FF2E }
```

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

Here you see how a box with a 4 pixel #59FF2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59FF2E; -webkit-box-shadow:4px 4px  
4px 4px #59FF2E; box-shadow:4px 4px 4px  
4px #59FF2E }
```

Background

The CSS property to change the background color of an element to Hex 59FF2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59FF2E }
```

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

```
.background{ background-color:#59FF2E }
```

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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