

Converting Colors

Hex(59DA4E)

Have a look what the booklet for
Hex(59DA4E) contains.

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Color

Hex(59DA4E)

Conversions

Conversions Part 1

Format	Color
Hex	59DA4E
RGB	89, 218, 78
RGB Percent	35%, 85%, 31%
CMY	0.6510, 0.1451, 0.6941
CMYK	0.59, 0.00, 0.64, 0.15
HSL	115°, 65%, 58%
HSV	115°, 64%, 85%
XYZ	30.5664, 52.8167, 15.7914
YIQ	163.4690, -31.9440, -70.8880

Conversions

Conversions Part 2

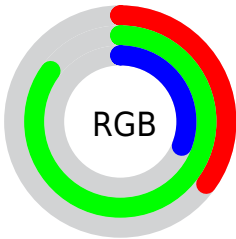
Format	Color
RYB	78, 218, 207
Decimal	5888590
CIELab	77.77, -61.61, 56.59
CIELCh	78, 83.650, 137.431
Yxy	52.8167, 0.3082, 0.5326
Android (android.graphics.Color)	4284078670 (0xFF59DA4E)
YUV	163.4690, -42.1362, -65.3093
Hunter-Lab	72.6751, -52.1062, 37.9896

Details

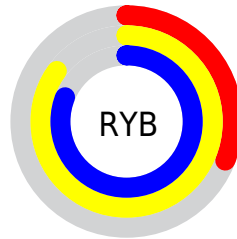
The Hex color **59DA4E** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **CF4EDA**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **97FF84**, and **00A210** is the 20% darker color. If you saturate the color by 10%, you get **45DA38**, and if you desaturate by 10%, it is **6DDA64**.

Distribution



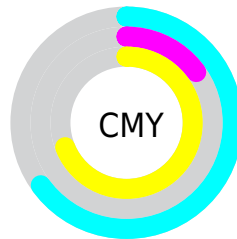
- Red (35%)
- Green (85%)
- Blue (31%)



- Red (31%)
- Yellow (85%)
- Blue (81%)



- Cyan (59%)
- Magenta (0%)
- Yellow (64%)
- Black (15%)



- Cyan (65%)
- Magenta (15%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59DA4E 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 59DA4E by changing the saturation by 10% instead.

 59DA4E

 59DA4E

FFFFFF

 36BE32

 97FF84

 00A210

 B5FFA0

 008700

 D3FFBC

 006C00

 F1FFD9

 005300

 FFFFF6

 003A00

 002200

 000000

 59DA4E

 59DA4E

 45DA38

 6DDA64

 31DA22

 81DA7A

 1DDA0D

 95DA8F

 11DA00

 A9DAA5

 BDDABB

 D2DAD1

 E6DAE7

 FADAFC

 FFDAFF

Harmonies

Analogous

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



BACA00



59DA4E



00E29C

Triad

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



59DA4E



00D3FF



FF7396

Complementary

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



59DA4E



CF4EDA

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.



FF75E4



59DA4E



76B9FF

Square

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



59DA4E



00E0FF



FC96FF



FF8F4F

Rectangle

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



59DA4E



00E4D2



FC96FF



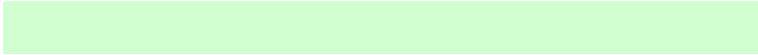
FF6FB0

Sweetspot

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



59DA4E



D2FFCF



DACE4E



648062



000000



808080

Same Dimension

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



59DA4E



4AFF3B



4EDA88



646E63



0EAD00



042E00

Inverse Universe

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



CF4EDA



F03BFF



DA4EA0



6D636E



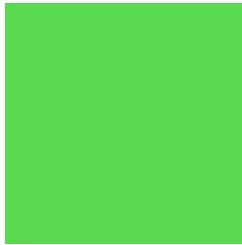
A000AD



2A002E

Previews

White Background



This preview shows how the Hex color 59DA4E looks on a white background.

Color Contrast Check

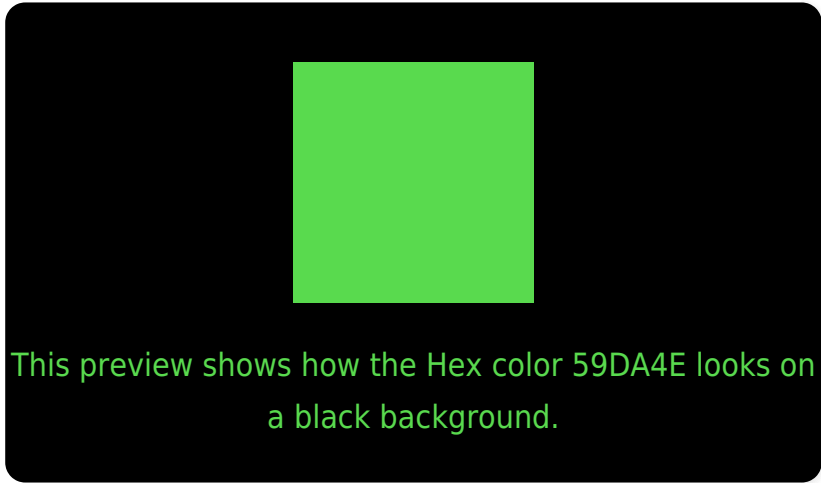
Large Text (above 18pt) WCAG AA × Fail

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

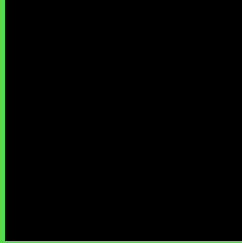
Any Text WCAG AA ✓ Pass

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 59DA4E Background



This preview shows how black text looks on a background with the Hex color 59DA4E.

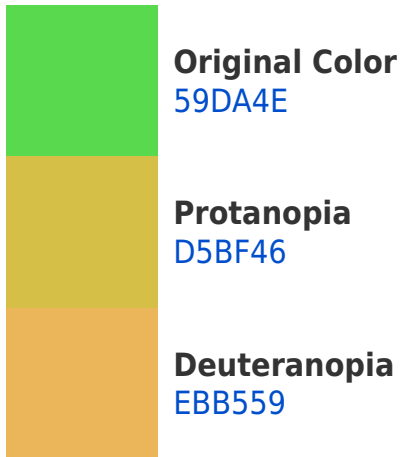


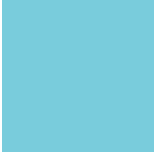
This preview shows how white text looks on a background with the Hex color 59DA4E.

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





Trichromacy



Original Color
59DA4E



Protanomaly
A8C949



Deuteranomaly
B6C255



Tritanomaly
6DD1A8

Monochromacy



Original Color
59DA4E



Achromatopsia
A3A3A3



Achromatomaly
88B784

CSS Examples

Text

The CSS property to change the color of the text to Hex 59DA4E 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 #59DA4E looks like.

```
.text, #text, p{  
    color:#59DA4E  
}
```

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 #59DA4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59DA4E
}
```

Border

The CSS property to change the border of an element to Hex 59DA4E 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
#59DA4E }
```

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

```
.border{ border-color:#59DA4E }
```

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

Here you see how a box with a 4 pixel #59DA4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59DA4E; -webkit-box-shadow:4px 4px  
4px 4px #59DA4E; box-shadow:4px 4px 4px  
4px #59DA4E }
```

Background

The CSS property to change the background color of an element to Hex 59DA4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59DA4E }
```

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

```
.background{ background-color:#59DA4E }
```

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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