

Converting Colors

Hex(59ED32)

Have a look what the booklet for
Hex(59ED32) contains.

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Color

Hex(59ED32)

Conversions

Conversions Part 1

Format	Color
Hex	59ED32
RGB	89, 237, 50
RGB Percent	35%, 93%, 20%
CMY	0.6510, 0.0706, 0.8039
CMYK	0.62, 0.00, 0.79, 0.07
HSL	107°, 84%, 56%
HSV	107°, 79%, 93%
XYZ	34.9797, 62.9225, 13.3193
YIQ	171.4300, -28.1810, -89.5330

Conversions

Conversions Part 2

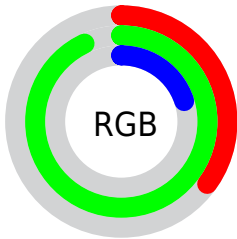
Format	Color
RYB	50, 237, 198
Decimal	5893426
CIELab	83.40, -70.14, 72.10
CIELCh	83, 100.590, 134.211
Yxy	62.9225, 0.3145, 0.5657
Android (android.graphics.Color)	4284083506 (0xFF59ED32)
YUV	171.4300, -59.8650, -72.2911
Hunter-Lab	79.3237, -60.1025, 45.5712

Details

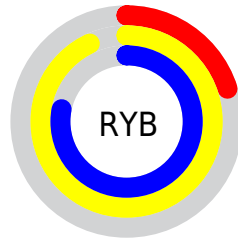
The Hex color **59ED32** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **C632ED**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **9BFF6F**, and **00B400** is the 20% darker color. If you saturate the color by 10%, you get **46ED1A**, and if you desaturate by 10%, it is **6CED4A**.

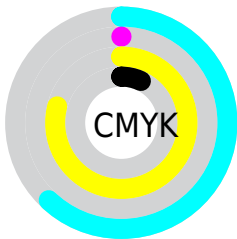
Distribution



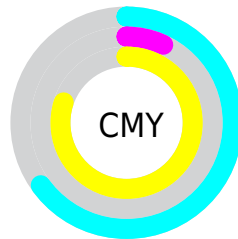
- Red (35%)
- Green (93%)
- Blue (20%)



- Red (20%)
- Yellow (93%)
- Blue (78%)



- Cyan (62%)
- Magenta (0%)
- Yellow (79%)
- Black (7%)



- Cyan (65%)
- Magenta (7%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59ED32 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 59ED32 by changing the saturation by 10% instead.

 59ED32

 59ED32


FFFFFF

 31D000

 9BFF6F

 00B400

 BAFF8C

 009800

 D9FFA9

 007D00

 F8FFC6

 006200

 FFFFE3

 004900

 003100

 001400

 000000

 59ED32

 59ED32

 46ED1A

 6CED4A

 33ED03

 7FED61

 31ED00

 91ED79

 A4ED91

 B7EDA9

 CAEDC0

 DCEDD8

 EFEDF0

 FFEDFF

Harmonies

Analogous

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



CFDA00



59ED32



00F799

Triad

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



59ED32



00E9FF



FF64A7

Complementary

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



59ED32



C632ED

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.



FF6EFF



59ED32



12CCFF

Square

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



59ED32



00F7FF



FF9FFF



FF8C4D

Rectangle

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



59ED32



00FADB



FF9FFF



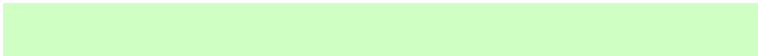
FF60C7

Sweetspot

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



59ED32



CFFFC2



EDC432



62805B



000000



808080

Same Dimension

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



59ED32



3FFF0D



32ED67



6C756A



26B500



0B3600

Inverse Universe

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



C632ED



CC0DFF



ED32B8



736A75



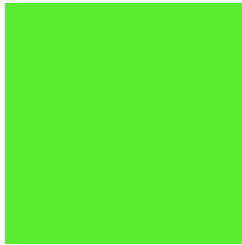
8F00B5



2A0036

Previews

White Background



This preview shows how the Hex color 59ED32 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 59ED32 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

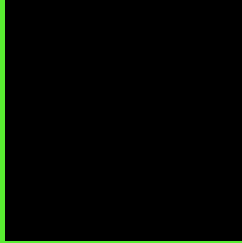
Any Text WCAG AA ✓ Pass

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 59ED32 Background



This preview shows how black text looks on a background with the Hex color 59ED32.

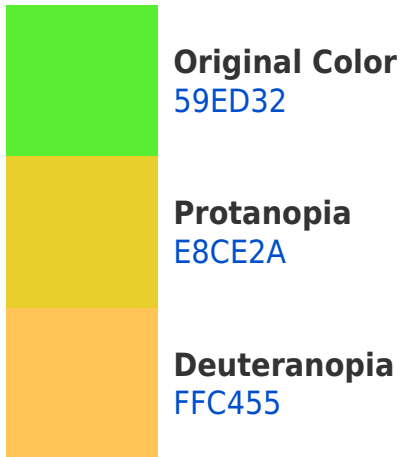


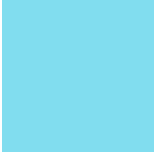
This preview shows how white text looks on a background with the Hex color 59ED32.

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](#).

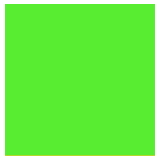
Dichromacy





Tritanopia
81DDEF

Trichromacy



Original Color
59ED32



Protanomaly
B4D92D

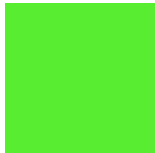


Deuteranomaly
C3D348

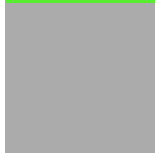


Tritanomaly
72E3AA

Monochromacy



Original Color
59ED32



Achromatopsia
ABABAB



Achromatomaly
8DC37F

CSS Examples

Text

The CSS property to change the color of the text to Hex 59ED32 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 #59ED32 looks like.

```
.text, #text, p{  
    color:#59ED32  
}
```

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 #59ED32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59ED32
}
```

Border

The CSS property to change the border of an element to Hex 59ED32 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
#59ED32 }
```

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

```
.border{ border-color:#59ED32 }
```

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

Here you see how a box with a 4 pixel #59ED32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59ED32; -webkit-box-shadow:4px 4px  
4px 4px #59ED32; box-shadow:4px 4px 4px  
4px #59ED32 }
```

Background

The CSS property to change the background color of an element to Hex 59ED32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59ED32 }
```

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

```
.background{ background-color:#59ED32 }
```

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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