

Converting Colors

Hex(58ED33)

Have a look what the booklet for
Hex(58ED33) contains.

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Color

Hex(58ED33)

Conversions

Conversions Part 1

Format	Color
Hex	58ED33
RGB	88, 237, 51
RGB Percent	35%, 93%, 20%
CMY	0.6549, 0.0706, 0.8000
CMYK	0.63, 0.00, 0.78, 0.07
HSL	108°, 84%, 56%
HSV	108°, 78%, 93%
XYZ	34.9062, 62.8821, 13.4297
YIQ	171.2450, -29.0980, -89.4340

Conversions

Conversions Part 2

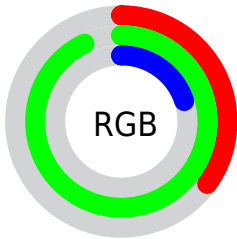
Format	Color
RYB	51, 237, 200
Decimal	5827891
CIELab	83.38, -70.30, 71.79
CIELCh	83, 100.479, 134.400
Yxy	62.8821, 0.3139, 0.5654
Android (android.graphics.Color)	4284017971 (0xFF58ED33)
YUV	171.2450, -59.2808, -73.0059
Hunter-Lab	79.2982, -60.1981, 45.4676

Details

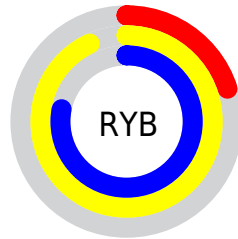
The Hex color **58ED33** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **C833ED**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **9AFF70**, and **00B400** is the 20% darker color. If you saturate the color by 10%, you get **45ED1B**, and if you desaturate by 10%, it is **6BED4B**.

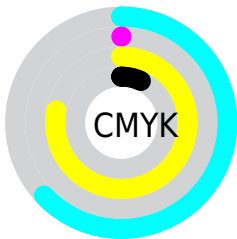
Distribution



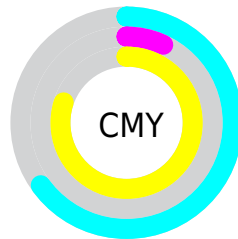
- Red (35%)
- Green (93%)
- Blue (20%)



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



- Cyan (63%)
- Magenta (0%)
- Yellow (78%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 58ED33 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 58ED33 by changing the saturation by 10% instead.

 58ED33

 58ED33


FFFFFF

 2FD000

 9AFF70

 00B400

 B9FF8C

 009800

 D8FFA9

 007D00

 F7FFC6

 006200

 FFFFE4

 004900

 003100

 001400

 000000

 58ED33

 58ED33

 45ED1B

 6BED4B

 32ED04

 7EED62

 2FED00

 91ED7A

 A4ED92

 B7EDA9

 CAEDC1

 DDEDD9

 F0EDF1

 FFEDFF

Harmonies

Analogous

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



CFDA00



58ED33



00F799

Triad

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



58ED33



00E9FF



FF64A7

Complementary

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



58ED33



C833ED

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



58ED33



1ECCFF

Square

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



58ED33



00F6FF



FF9FFF



FF8C4C

Rectangle

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



58ED33



00F9DC



FF9FFF



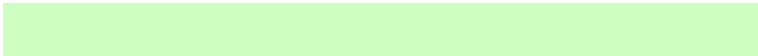
FF60C6

Sweetspot

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



58ED33



CEFFC2



EDC833



62805B



000000



808080

Same Dimension

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



58ED33



3FFF0F



33ED6B



6C756A



24B500



0B3600

Inverse Universe

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



C833ED



CF0FFF



ED33B5



736A75



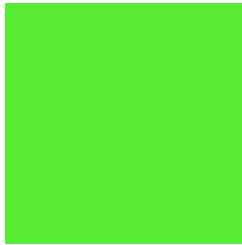
9100B5



2B0036

Previews

White Background



This preview shows how the Hex color 58ED33 looks on a white background.

Color Contrast Check

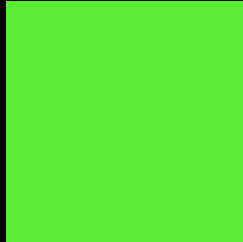
Large Text (above 18pt) WCAG AA × Fail

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 58ED33 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

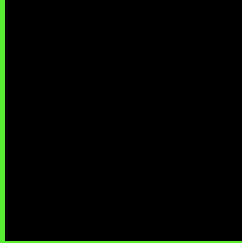
Any Text WCAG AA ✓ Pass

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 58ED33 Background



This preview shows how black text looks on a background with the Hex color 58ED33.

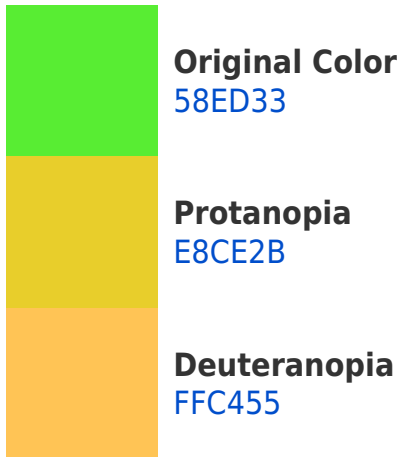


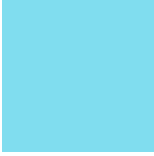
This preview shows how white text looks on a background with the Hex color 58ED33.

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
80DDEF

Trichromacy



Original Color
58ED33



Protanomaly
B4D92E

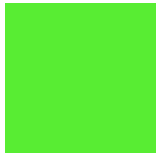


Deuteranomaly
C2D349

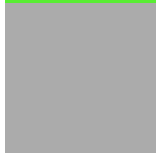


Tritanomaly
71E3AB

Monochromacy



Original Color
58ED33



Achromatopsia
ABABAB



Achromatomaly
8DC37F

CSS Examples

Text

The CSS property to change the color of the text to Hex 58ED33 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 #58ED33 looks like.

```
.text, #text, p{  
    color:#58ED33  
}
```

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 #58ED33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58ED33
}
```

Border

The CSS property to change the border of an element to Hex 58ED33 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
#58ED33 }
```

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

```
.border{ border-color:#58ED33 }
```

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

Here you see how a box with a 4 pixel #58ED33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58ED33; -webkit-box-shadow:4px 4px  
4px 4px #58ED33; box-shadow:4px 4px 4px  
4px #58ED33 }
```

Background

The CSS property to change the background color of an element to Hex 58ED33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58ED33 }
```

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

```
.background{ background-color:#58ED33 }
```

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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