

Converting Colors

Hex(53ED07)

Have a look what the booklet for
Hex(53ED07) contains.

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Color

Hex(53ED07)

Conversions

Conversions Part 1

Format	Color
Hex	53ED07
RGB	83, 237, 7
RGB Percent	33%, 93%, 3%
CMY	0.6745, 0.0706, 0.9725
CMYK	0.65, 0.00, 0.97, 0.07
HSL	100°, 94%, 48%
HSV	100°, 97%, 93%
XYZ	33.8898, 62.4227, 10.4636
YIQ	164.7340, -17.9540, -104.1780

Conversions

Conversions Part 2

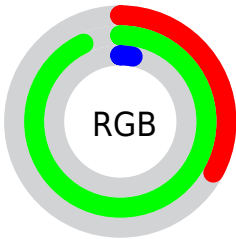
Format	Color
RYB	7, 237, 161
Decimal	5500167
CIELab	83.14, -72.77, 79.32
CIELCh	83, 107.639, 132.533
Yxy	62.4227, 0.3174, 0.5846
Android (android.graphics.Color)	4283690247 (0xFF53ED07)
YUV	164.7340, -77.7629, -71.6807
Hunter-Lab	79.0080, -61.6981, 47.4534

Details

The Hex color **53ED07** 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 **A107ED**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **97FF5B**, and **00B400** is the 20% darker color. If you saturate the color by 10%, you get **4EED00**, and if you desaturate by 10%, it is **63ED1F**.

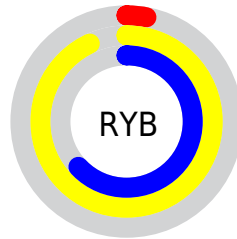
Distribution



Red (33%)

Green (93%)

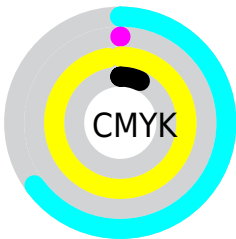
Blue (3%)



Red (3%)

Yellow (93%)

Blue (63%)

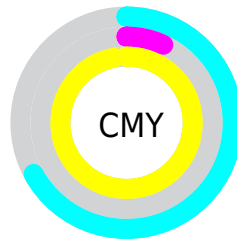


Cyan (65%)

Magenta (0%)

Yellow (97%)

Black (7%)



Cyan (67%)

Magenta (7%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53ED07 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 53ED07 by changing the saturation by 10% instead.

 53ED07

 53ED07

FFFFFF

 26D000

 97FF5B

 00B400

 B7FF79

 009800

 D6FF96

 007D00

 F5FFB4

 006200

 FFFFD1

 004800

 FFFFEF

 003000

 001300

 000000

■ 53ED07

■ 53ED07

■ 4EED00

■ 63ED1F

■ 73ED36

■ 83ED4E

■ 92ED66

■ A2ED7E

■ B2ED95

■ C2EDAD

■ D2EDC5

■ E2EDDC

Harmonies

Analogous

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



D2D800



53ED07



00F78E

Triad

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



53ED07



00EBFF



FF4FA9

Complementary

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



53ED07



A107ED

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.



FF62FF



53ED07



00CEFF

Square

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



53ED07



00F8FF



FF9DFF



FF8147

Rectangle

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



53ED07



00FBD5



FF9DFF



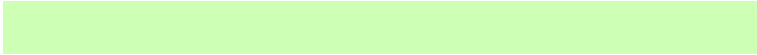
FF4BCB

Sweetspot

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



53ED07



CDFFB5



EDA007



628053



000000



808080

Same Dimension

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



53ED07



54FF00



07ED2D



6D756A



3CB500



123600

Inverse Universe

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



A107ED



AB00FF



ED07C7



716A75



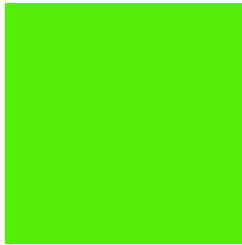
7900B5



240036

Previews

White Background



This preview shows how the Hex color 53ED07 looks on a white background.

Color Contrast Check

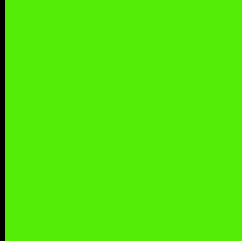
Large Text (above 18pt) WCAG AA × Fail

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 53ED07 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

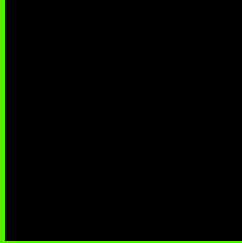
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

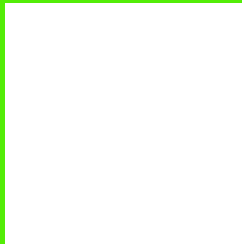
Any Text WCAG AAA ✓ Pass

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

Hex 53ED07 Background



This preview shows how black text looks on a background with the Hex color 53ED07.

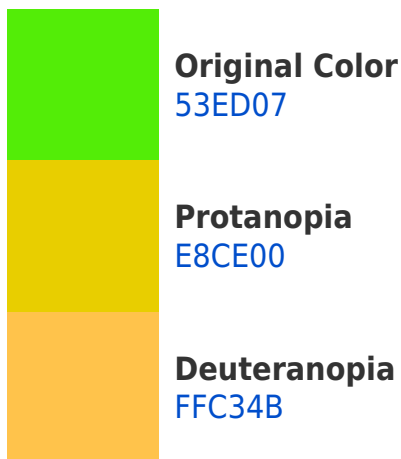


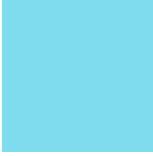
This preview shows how white text looks on a background with the Hex color 53ED07.

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](#).

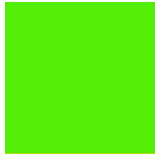
Dichromacy





Tritanopia
7EDCEE

Trichromacy



Original Color
53ED07



Protanomaly
B2D903



Deuteranomaly
C0D232

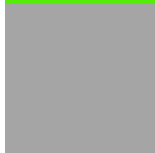


Tritanomaly
6EE29A

Monochromacy



Original Color
53ED07



Achromatopsia
A5A5A5



Achromatomaly
87BF6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 53ED07 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 #53ED07 looks like.

```
.text, #text, p{  
    color:#53ED07  
}
```

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 #53ED07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53ED07
}
```

Border

The CSS property to change the border of an element to Hex 53ED07 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
#53ED07 }
```

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

```
.border{ border-color:#53ED07 }
```

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

Here you see how a box with a 4 pixel #53ED07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53ED07; -webkit-box-shadow:4px 4px  
4px 4px #53ED07; box-shadow:4px 4px 4px  
4px #53ED07 }
```

Background

The CSS property to change the background color of an element to Hex 53ED07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53ED07 }
```

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

```
.background{ background-color:#53ED07 }
```

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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