

Converting Colors

Hex(54E757)

Have a look what the booklet for
Hex(54E757) contains.

Hex(54E757)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(54E757)

Conversions

Conversions Part 1

Format	Color
Hex	54E757
RGB	84, 231, 87
RGB Percent	33%, 91%, 34%
CMY	0.6706, 0.0941, 0.6588
CMYK	0.64, 0.00, 0.62, 0.09
HSL	121°, 75%, 62%
HSV	121°, 64%, 91%
XYZ	33.9524, 59.7248, 18.7554
YIQ	170.6310, -41.3880, -75.9480

Conversions

Conversions Part 2

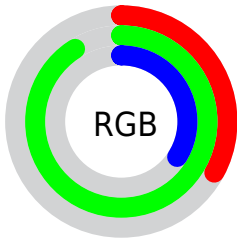
Format	Color
RYB	84, 228, 231
Decimal	5564247
CIELab	81.69, -66.30, 57.15
CIELCh	82, 87.531, 139.240
Yxy	59.7248, 0.3020, 0.5312
Android (android.graphics.Color)	4283754327 (0xFF54E757)
YUV	170.6310, -41.2301, -75.9754
Hunter-Lab	77.2818, -56.8224, 39.7083

Details

The Hex color **54E757** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted green. A complement of this color would be **E754E4**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **94FF8E**, and **00AE1D** is the 20% darker color. If you saturate the color by 10%, you get **3DE740**, and if you desaturate by 10%, it is **6BE76E**.

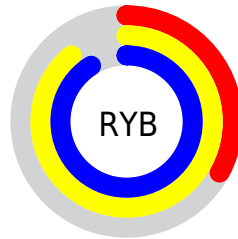
Distribution



Red (33%)

Green (91%)

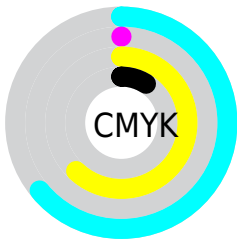
Blue (34%)



Red (33%)

Yellow (89%)

Blue (91%)

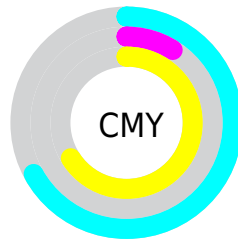


Cyan (64%)

Magenta (0%)

Yellow (62%)

Black (9%)



Cyan (67%)

Magenta (9%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54E757 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 54E757 by changing the saturation by 10% instead.

 54E757

FFFFFF

 94FF8E

 B3FFA9

 D2FFC6

 F0FFE3

 54E757

 2CCA3B

 00AE1D

 009200

 007800

 005D00

 004400

 002C00

 000B00

 000000

 54E757

 54E757

 3DE740

 6BE76E

 26E72A

 82E784

 0FE713

 99E79B

 00E705

 B0E7B2

 C8E7C8

 DFE7DF

 F6E7F5

 FFE7FF

Harmonies

Analogous

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



C0D700



54E757



00EFAA

Triad

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



54E757



00DDFF



FF7A9A

Complementary

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



54E757



E754E4

Split Complementary

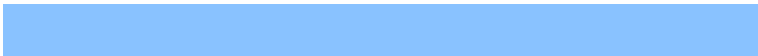
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF7AEC



54E757



89C2FF

Square

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



54E757



00ECFF



FF9CFF



FF994F

Rectangle

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



54E757



00F1E3



FF9CFF



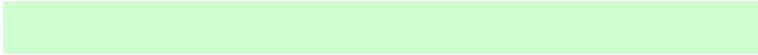
FF75B5

Sweetspot

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



54E757



CFFFD0



E5E754



628063



000000



808080

Same Dimension

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



54E757



3DFF41



54E7A0



677368



00B304



003301

Inverse Universe

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



E754E4



FF3DFB



E7549B



736773



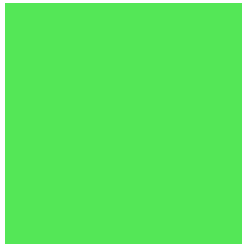
B300AF



330032

Previews

White Background



This preview shows how the Hex color 54E757 looks on a white background.

Color Contrast Check

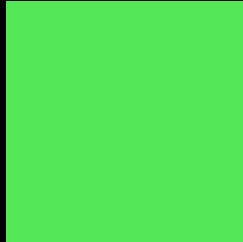
Large Text (above 18pt) WCAG AA × Fail

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 54E757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

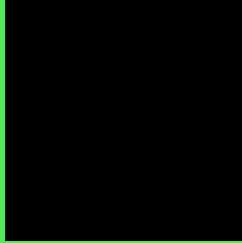
Any Text WCAG AA ✓ Pass

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 54E757 Background



This preview shows how black text looks on a background with the Hex color 54E757.

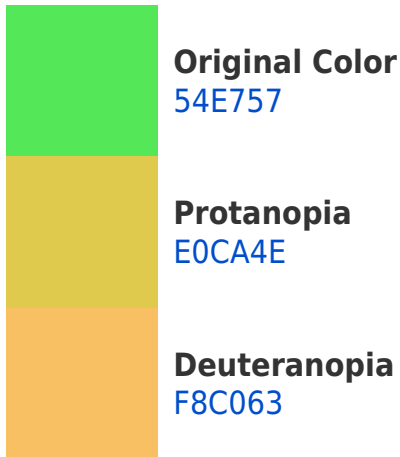


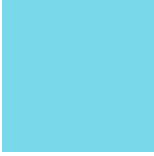
This preview shows how white text looks on a background with the Hex color 54E757.

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](#).

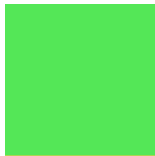
Dichromacy



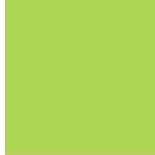


Tritanopia
79D8EA

Trichromacy



Original Color
54E757



Protanomaly
ADD551



Deuteranomaly
BCCE5F



Tritanomaly
6CDDB5

Monochromacy



Original Color
54E757



Achromatopsia
ABABAB



Achromatomaly
8BC18C

CSS Examples

Text

The CSS property to change the color of the text to Hex 54E757 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 #54E757 looks like.

```
.text, #text, p{  
    color:#54E757  
}
```

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 #54E757 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54E757
}
```

Border

The CSS property to change the border of an element to Hex 54E757 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
#54E757 }
```

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

```
.border{ border-color:#54E757 }
```

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

Here you see how a box with a 4 pixel #54E757 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54E757; -webkit-box-shadow:4px 4px  
4px 4px #54E757; box-shadow:4px 4px 4px  
4px #54E757 }
```

Background

The CSS property to change the background color of an element to Hex 54E757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54E757 }
```

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

```
.background{ background-color:#54E757 }
```

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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