

Converting Colors

Hex(55E676)

Have a look what the booklet for
Hex(55E676) contains.

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Color

Hex(55E676)

Conversions

Conversions Part 1

Format	Color
Hex	55E676
RGB	85, 230, 118
RGB Percent	33%, 90%, 46%
CMY	0.6667, 0.0980, 0.5373
CMYK	0.63, 0.00, 0.49, 0.10
HSL	134°, 74%, 62%
HSV	134°, 63%, 90%
XYZ	35.3131, 59.8329, 26.8273
YIQ	173.8770, -50.4680, -65.5720

Conversions

Conversions Part 2

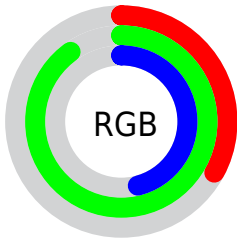
Format	Color
R _{YB}	85, 203, 230
Decimal	5629558
CIE _{Lab}	81.75, -61.88, 43.15
CIE _{LCh}	82, 75.435, 145.111
Yxy	59.8329, 0.2895, 0.4905
Android (android.graphics.Color)	4283819638 (0xFF55E676)
YUV	173.8770, -27.5474, -77.9451
Hunter-Lab	77.3517, -53.8755, 33.5832

Details

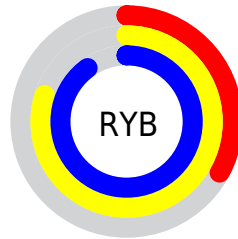
The Hex color **55E676** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **E655C5**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **94FFAC**, and **00AD42** is the 20% darker color. If you saturate the color by 10%, you get **3EE664**, and if you desaturate by 10%, it is **6CE688**.

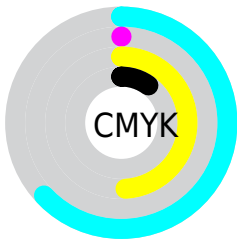
Distribution



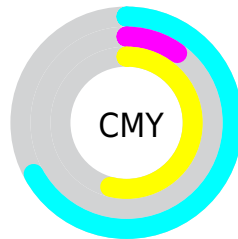
- Red (33%)
- Green (90%)
- Blue (46%)



- Red (33%)
- Yellow (80%)
- Blue (90%)



- Cyan (63%)
- Magenta (0%)
- Yellow (49%)
- Black (10%)



- Cyan (67%)
- Magenta (10%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55E676 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 55E676 by changing the saturation by 10% instead.

 55E676

 55E676

FFFFFF

 2FC95C

 94FFAC

 00AD42

 B2FFC8

 009229

 D1FFE4

 00770B

 EFFFFFF

 005D00

 004400

 002C00

 000C00

 000000

 55E676

 55E676

 3EE664

 6CE688

 27E652

 83E69A

 10E641

 9AE6AB

 00E634

 B1E6BD

 C8E6CF

 DFE6E1

 F6E6F2

 FFE6FF

Harmonies

Analogous

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



B6D93E



55E676



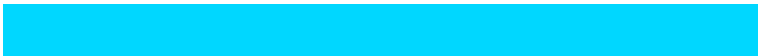
00ECBD

Triad

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



55E676



00D7FF



FF8E93

Complementary

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



55E676



E655C5

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.



FF89DA



55E676



B7BDFE

Square

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



55E676



00E6FF



FF9FFF



FFA857

Rectangle

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



55E676



00EDEE



FF9FFF



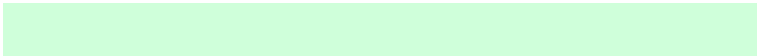
FF89AA

Sweetspot

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



55E676



CFFFDA



C7E655



628069



000000



808080

Same Dimension

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



55E676



3DFF69



55E6BD



67736A



00B329



00330C

Inverse Universe

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



E655C5



FF3DD3



E6557E



736770



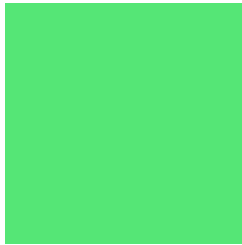
B3008A



330027

Previews

White Background



This preview shows how the Hex color 55E676 looks on a white background.

Color Contrast Check

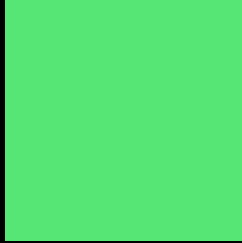
Large Text (above 18pt) WCAG AA × Fail

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 55E676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

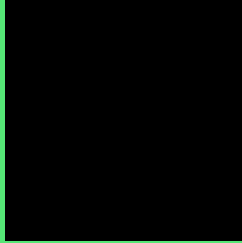
Any Text WCAG AA ✓ Pass

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 55E676 Background



This preview shows how black text looks on a background with the Hex color 55E676.

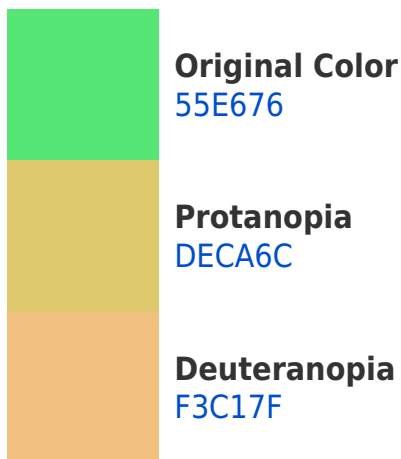


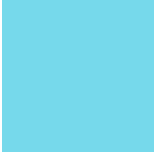
This preview shows how white text looks on a background with the Hex color 55E676.

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](#).

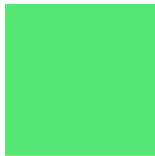
Dichromacy



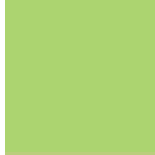


Tritanopia
76D9EB

Trichromacy



Original Color
55E676



Protanomaly
ACD470



Deuteranomaly
BACE7C



Tritanomaly
6ADEC0

Monochromacy



Original Color
55E676



Achromatopsia
AEAEAE



Achromatomaly
8EC29A

CSS Examples

Text

The CSS property to change the color of the text to Hex 55E676 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 #55E676 looks like.

```
.text, #text, p{  
    color:#55E676  
}
```

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 #55E676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55E676
}
```

Border

The CSS property to change the border of an element to Hex 55E676 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
#55E676 }
```

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

```
.border{ border-color:#55E676 }
```

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

Here you see how a box with a 4 pixel #55E676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55E676; -webkit-box-shadow:4px 4px  
4px 4px #55E676; box-shadow:4px 4px 4px  
4px #55E676 }
```

Background

The CSS property to change the background color of an element to Hex 55E676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55E676 }
```

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

```
.background{ background-color:#55E676 }
```

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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