

Converting Colors

Hex(55E171)

Have a look what the booklet for
Hex(55E171) contains.

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Color

Hex(55E171)

Conversions

Conversions Part 1

Format	Color
Hex	55E171
RGB	85, 225, 113
RGB Percent	33%, 88%, 44%
CMY	0.6667, 0.1176, 0.5569
CMYK	0.62, 0.00, 0.50, 0.12
HSL	132°, 70%, 61%
HSV	132°, 62%, 88%
XYZ	33.6522, 56.9740, 24.8462
YIQ	170.3720, -47.4880, -64.5120

Conversions

Conversions Part 2

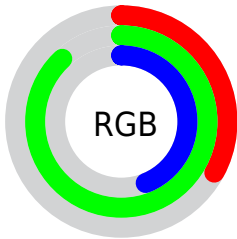
Format	Color
RYB	85, 202, 225
Decimal	5628273
CIELab	80.16, -60.78, 43.59
CIElCh	80, 74.794, 144.357
Yxy	56.9740, 0.2914, 0.4934
Android (android.graphics.Color)	4283818353 (0xFF55E171)
YUV	170.3720, -28.2844, -74.8712
Hunter-Lab	75.4811, -52.5103, 33.3202

Details

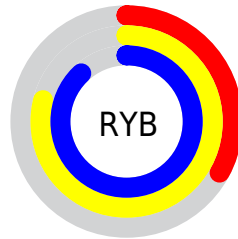
The Hex color **55E171** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **E155C5**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **93FFA7**, and **00A83E** is the 20% darker color. If you saturate the color by 10%, you get **3EE15F**, and if you desaturate by 10%, it is **6BE183**.

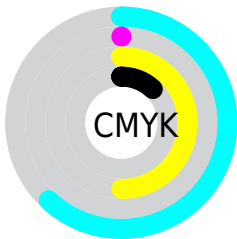
Distribution



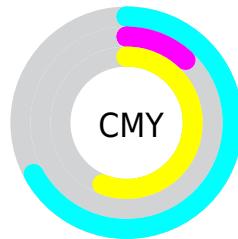
- Red (33%)
- Green (88%)
- Blue (44%)



- Red (33%)
- Yellow (79%)
- Blue (88%)



- Cyan (62%)
- Magenta (0%)
- Yellow (50%)
- Black (12%)



- Cyan (67%)
- Magenta (12%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55E171 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 55E171 by changing the saturation by 10% instead.

 55E171

 55E171

FFFFFF

 30C457

 93FFA7

 00A83E

 B1FFC2

 008D24

 D0FFDF

 007304

 EEFFFC

 005900

 004000

 002800

 000100

 000000

 55E171

 55E171

 3EE15F

 6BE183

 28E14D

 82E195

 11E13B

 98E1A7

 00E12D

 AFE1B9

 C5E1CB

 DCE1DD

 F3E1EF

 FFE1FF

Harmonies

Analogous

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



B3D43A



55E171



00E7B7

Triad

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



55E171



00D3FF



FF8A91

Complementary

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



55E171



E155C5

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.



FF86D7



55E171



B0BAFF

Square

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



55E171



00E2FF



FF9BFF



FFA355

Rectangle

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



55E171



00E8E7



FF9BFF



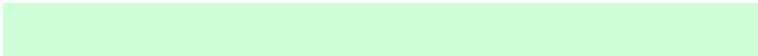
FF85A8

Sweetspot

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



55E171



CFFFD8



C5E155



628068



000000



808080

Same Dimension

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



55E171



40FF66



55E1B7



657067



00B023



00300A

Inverse Universe

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



E155C5



FF40D9



E1557F



70656E



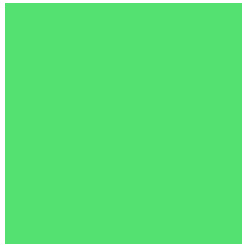
B0008D



300027

Previews

White Background



This preview shows how the Hex color 55E171 looks on a white background.

Color Contrast Check

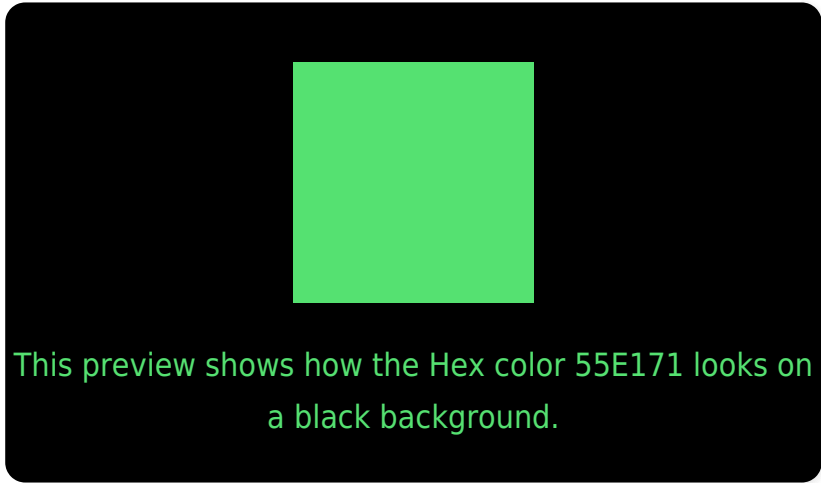
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

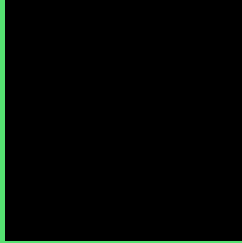
Any Text WCAG AA ✓ Pass

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 55E171 Background



This preview shows how black text looks on a background with the Hex color 55E171.

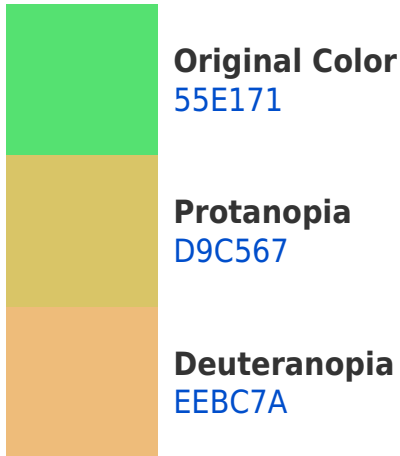


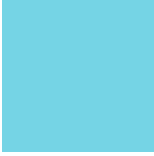
This preview shows how white text looks on a background with the Hex color 55E171.

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
75D4E5

Trichromacy



Original Color
55E171



Protanomaly
A9CF6B



Deuteranomaly
B6C977



Tritanomaly
69D9BB

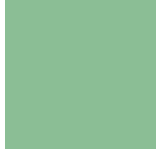
Monochromacy



Original Color
55E171



Achromatopsia
AAAAAA



Achromatomaly
8BBE95

CSS Examples

Text

The CSS property to change the color of the text to Hex 55E171 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 #55E171 looks like.

```
.text, #text, p{  
    color:#55E171  
}
```

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 #55E171 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55E171
}
```

Border

The CSS property to change the border of an element to Hex 55E171 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
#55E171 }
```

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

```
.border{ border-color:#55E171 }
```

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

Here you see how a box with a 4 pixel #55E171 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55E171; -webkit-box-shadow:4px 4px  
4px 4px #55E171; box-shadow:4px 4px 4px  
4px #55E171 }
```

Background

The CSS property to change the background color of an element to Hex 55E171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55E171 }
```

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

```
.background{ background-color:#55E171 }
```

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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