

Converting Colors

Hex(51E174)

Have a look what the booklet for
Hex(51E174) contains.

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Color

Hex(51E174)

Conversions

Conversions Part 1

Format	Color
Hex	51E174
RGB	81, 225, 116
RGB Percent	32%, 88%, 45%
CMY	0.6824, 0.1176, 0.5451
CMYK	0.64, 0.00, 0.48, 0.12
HSL	135°, 71%, 60%
HSV	135°, 64%, 88%
XYZ	33.4709, 56.8607, 25.7341
YIQ	169.5180, -50.8350, -64.4270

Conversions

Conversions Part 2

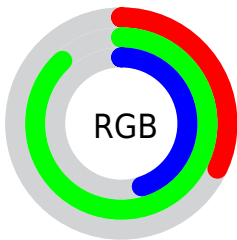
Format	Color
RYB	81, 197, 225
Decimal	5366132
CIELab	80.10, -61.14, 42.04
CIElCh	80, 74.200, 145.492
Yxy	56.8607, 0.2884, 0.4899
Android (android.graphics.Color)	4283556212 (0xFF51E174)
YUV	169.5180, -26.3844, -77.6303
Hunter-Lab	75.4060, -52.7287, 32.5501

Details

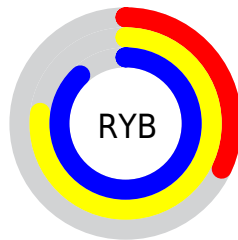
The Hex color **51E174** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **E151BE**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **90FFAA**, and **00A841** is the 20% darker color. If you saturate the color by 10%, you get **3BE163**, and if you desaturate by 10%, it is **67E185**.

Distribution



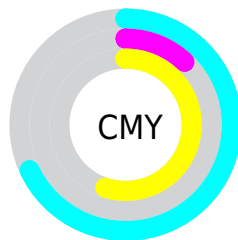
- Red (32%)
- Green (88%)
- Blue (45%)



- Red (32%)
- Yellow (77%)
- Blue (88%)



- Cyan (64%)
- Magenta (0%)
- Yellow (48%)
- Black (12%)



- Cyan (68%)
- Magenta (12%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51E174 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 51E174 by changing the saturation by 10% instead.

 51E174

 51E174

FFFFFF

 2AC45A

 90FFAA

 00A841

 AEFFC5

 008D27

 CDFFE2

 00720A

 EBFFFF

 005900

 004000

 002800

 000100

 000000

 51E174

 51E174

 3BE163

 67E185

 24E152

 7EE196

 0EE141

 94E1A7

 00E137

 ABE1B8

 C2E1C9

 D8E1DA

 EFE1EB

 FFE1FC

 FFE1FF

Harmonies

Analogous

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



B1D43D



51E174



00E7BA

Triad

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



51E174



00D2FF



FF8B8F

Complementary

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



51E174



E151BE

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.



FF86D4



51E174



B5B9FF

Square

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



51E174



00E1FF



FF9BFF



FFA454

Rectangle

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



51E174



00E8EA



FF9BFF



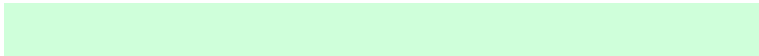
FF86A6

Sweetspot

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



51E174



CFFFDA



BFE151



628069



000000



808080

Same Dimension

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



51E174



3BFF6A



51E1BB



657068



00B02B



00300C

Inverse Universe

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



E151BE



FF3BCF



E15177



70656D



B00085



300025

Previews

White Background



This preview shows how the Hex color 51E174 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 51E174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

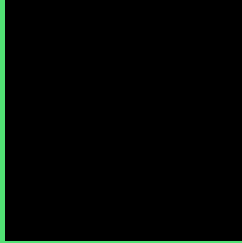
Any Text WCAG AA ✓ Pass

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 51E174 Background



This preview shows how black text looks on a background with the Hex color 51E174.

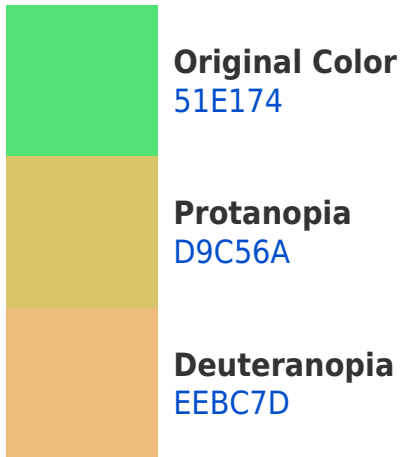


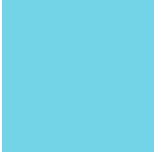
This preview shows how white text looks on a background with the Hex color 51E174.

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
72D4E6

Trichromacy



Original Color
51E174



Protanomaly
A8CF6E



Deuteranomaly
B5C97A



Tritanomaly
66D9BD

Monochromacy



Original Color
51E174



Achromatopsia
AAAAAA



Achromatomaly
8ABE96

CSS Examples

Text

The CSS property to change the color of the text to Hex 51E174 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 #51E174 looks like.

```
.text, #text, p{  
    color:#51E174  
}
```

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 #51E174 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51E174
}
```

Border

The CSS property to change the border of an element to Hex 51E174 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
#51E174 }
```

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

```
.border{ border-color:#51E174 }
```

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

Here you see how a box with a 4 pixel #51E174 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51E174; -webkit-box-shadow:4px 4px  
4px 4px #51E174; box-shadow:4px 4px 4px  
4px #51E174 }
```

Background

The CSS property to change the background color of an element to Hex 51E174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51E174 }
```

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

```
.background{ background-color:#51E174 }
```

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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