

Converting Colors

Hex(1AE53C)

Have a look what the booklet for
Hex(1AE53C) contains.

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Color

Hex(1AE53C)

Conversions

Conversions Part 1

Format	Color
Hex	1AE53C
RGB	26, 229, 60
RGB Percent	10%, 90%, 24%
CMY	0.8980, 0.1020, 0.7647
CMYK	0.89, 0.00, 0.74, 0.10
HSL	130°, 80%, 50%
HSV	130°, 89%, 90%
XYZ	29.2609, 56.5845, 13.6547
YIQ	149.0370, -66.7390, -95.5950

Conversions

Conversions Part 2

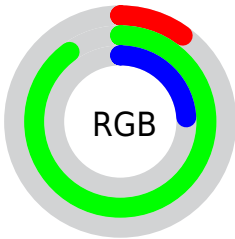
Format	Color
R_{YB}	26, 200, 229
Decimal	1762620
CIE _{Lab}	79.95, -75.94, 65.31
CIE _{LCh}	80, 100.167, 139.303
Yxy	56.5845, 0.2941, 0.5687
Android (android.graphics.Color)	4279952700 (0xFF1AE53C)
YUV	149.0370, -43.8952, -107.9034
Hunter-Lab	75.2227, -62.2048, 41.8933

Details

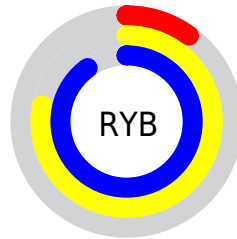
The Hex color **1AE53C** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **E51AC3**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **74FF75**, and **00AC00** is the 20% darker color. If you saturate the color by 10%, you get **03E529**, and if you desaturate by 10%, it is **31E54F**.

Distribution



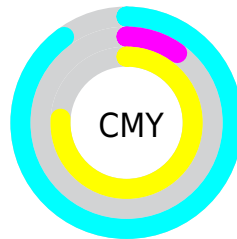
- Red (10%)
- Green (90%)
- Blue (24%)



- Red (10%)
- Yellow (78%)
- Blue (90%)



- Cyan (89%)
- Magenta (0%)
- Yellow (74%)
- Black (10%)



- Cyan (90%)
- Magenta (10%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1AE53C 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 1AE53C by changing the saturation by 10% instead.

 1AE53C

 1AE53C

FFFFFF

 00C819

 74FF75

 00AC00

 96FF92

 009000

 B6FFAE

 007500

 D6FFCB

 005A00

 F5FFE8

 004100

 002800

 000000

 1AE53C

 1AE53C

■ 03E529

■ 31E54F

■ 00E526

■ 48E562

■ 5FE575

■ 76E588

■ 8CE59B

■ A3E5AE

■ BAE5C1

■ D1E5D5

■ E8E5E8

Harmonies

Analogous

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



B5D400



1AE53C



00EDA0

Triad

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



1AE53C



00DBFF



FF5C8F

Complementary

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



1AE53C



E51AC3

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.



FF5CEC



1AE53C



66BCFF

Square

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



1AE53C



00EBFF



FF8DFF



FF8B34

Rectangle

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



1AE53C



00EFE2



FF8DFF



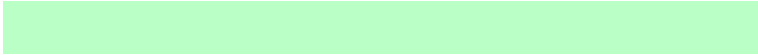
FF54AD

Sweetspot

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



1AE53C



BAFFC6



C3E51A



57805E



000000



808080

Same Dimension

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



1AE53C



00FF2B



1AE5A1



677369



00B31E



003309

Inverse Universe

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



E51AC3



FF00D4



E51A5E



736771



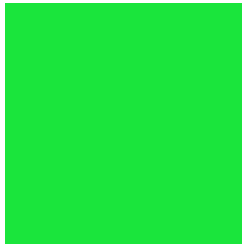
B30095



33002A

Previews

White Background



This preview shows how the Hex color 1AE53C 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 1AE53C 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 1AE53C Background



This preview shows how black text looks on a background with the Hex color 1AE53C.

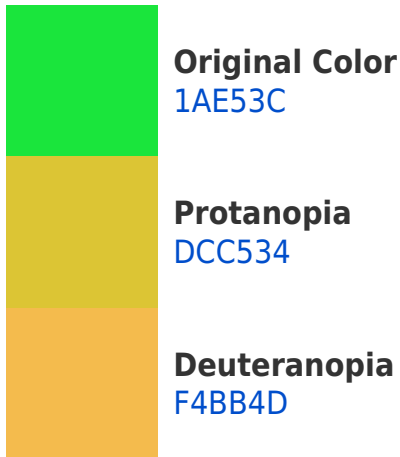


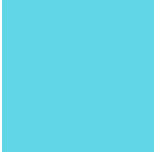
This preview shows how white text looks on a background with the Hex color 1AE53C.

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](#).

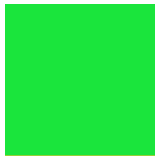
Dichromacy





Tritanopia
61D6E7

Trichromacy



Original Color
1AE53C



Protanomaly
95D137

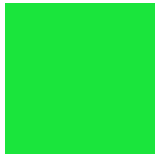


Deuteranomaly
A5CA47



Tritanomaly
47DBA9

Monochromacy



Original Color
1AE53C



Achromatopsia
959595



Achromatomaly
68B275

CSS Examples

Text

The CSS property to change the color of the text to Hex 1AE53C 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 #1AE53C looks like.

```
.text, #text, p{  
    color:#1AE53C  
}
```

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 #1AE53C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AE53C
}
```

Border

The CSS property to change the border of an element to Hex 1AE53C 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
#1AE53C }
```

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

```
.border{ border-color:#1AE53C }
```

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

Here you see how a box with a 4 pixel #1AE53C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AE53C; -webkit-box-shadow:4px 4px  
4px 4px #1AE53C; box-shadow:4px 4px 4px  
4px #1AE53C }
```

Background

The CSS property to change the background color of an element to Hex 1AE53C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AE53C }
```

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

```
.background{ background-color:#1AE53C }
```

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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