

Converting Colors

Hex(1AE547)

Have a look what the booklet for
Hex(1AE547) contains.

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Color

Hex(1AE547)

Conversions

Conversions Part 1

Format	Color
Hex	1AE547
RGB	26, 229, 71
RGB Percent	10%, 90%, 28%
CMY	0.8980, 0.1020, 0.7216
CMYK	0.89, 0.00, 0.69, 0.10
HSL	133°, 80%, 50%
HSV	133°, 89%, 90%
XYZ	29.5826, 56.7132, 15.3488
YIQ	150.2910, -70.2700, -92.1740

Conversions

Conversions Part 2

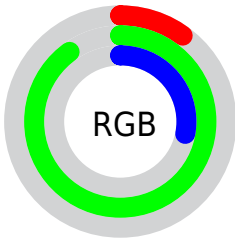
Format	Color
R _Y B	26, 192, 229
Decimal	1762631
CIE Lab	80.02, -75.02, 61.46
CIE LCh	80, 96.984, 140.676
Yxy	56.7132, 0.2910, 0.5580
Android (android.graphics.Color)	4279952711 (0xFF1AE547)
YUV	150.2910, -39.0905, -109.0032
Hunter-Lab	75.3081, -61.6707, 40.6316

Details

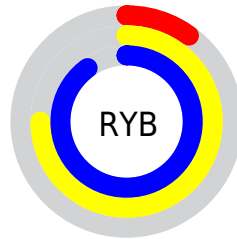
The Hex color **1AE547** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E51AB8**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **74FF7F**, and **00AC00** is the 20% darker color. If you saturate the color by 10%, you get **03E535**, and if you desaturate by 10%, it is **31E559**.

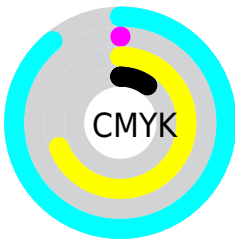
Distribution



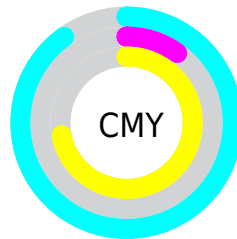
- Red (10%)
- Green (90%)
- Blue (28%)



- Red (10%)
- Yellow (75%)
- Blue (90%)



- Cyan (89%)
- Magenta (0%)
- Yellow (69%)
- Black (10%)



- Cyan (90%)
- Magenta (10%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1AE547 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 1AE547 by changing the saturation by 10% instead.

 1AE547

 1AE547


FFFFFF

 00C829

 74FF7F

 00AC00

 95FF9B

 009000

 B5FFB7

 007500

 D5FFD4

 005A00

 F4FFF1

 004100


 002800

 000000

 1AE547

 1AE547

 03E535

 31E559

 00E533

 48E56B

 5FE57C

 76E58E

 8CE5A0

 A3E5B2

 BAE5C4

 D1E5D6

 E8E5E7

Harmonies

Analogous

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



B2D500



1AE547



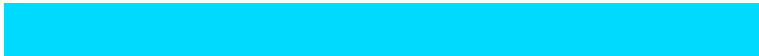
00EDA6

Triad

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



1AE547



00DAFF



FF658D

Complementary

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



1AE547



E51AB8

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.



FF62E7



1AE547



7CBBFF

Square

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



1AE547



00EAFB



FF8EFF



FF9036

Rectangle

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



1AE547



00EFE5



FF8EFF



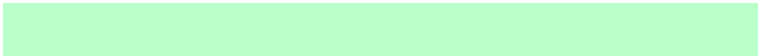
FF5DAA

Sweetspot

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



1AE547



BAFFC9



B9E51A



578060



000000



808080

Same Dimension

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



1AE547



00FF39



1AE5AB



67736A



00B328



00330B

Inverse Universe

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



E51AB8



FF00C6



E51A54



736770



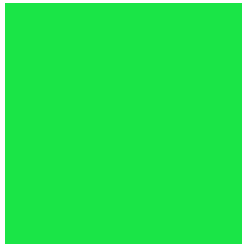
B3008B



330028

Previews

White Background



This preview shows how the Hex color 1AE547 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 1AE547 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 1AE547 Background



This preview shows how black text looks on a background with the Hex color 1AE547.

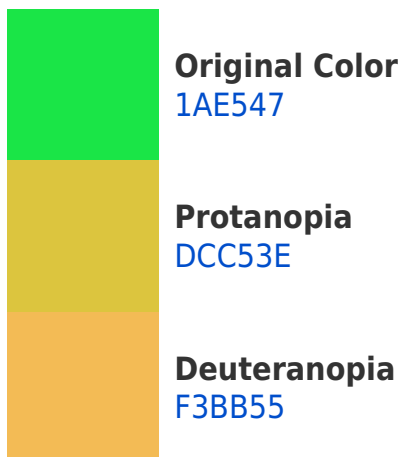


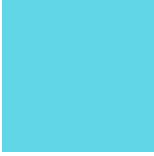
This preview shows how white text looks on a background with the Hex color 1AE547.

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](#).

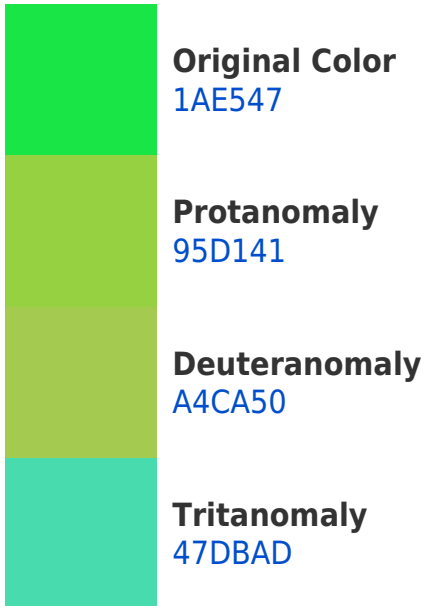
Dichromacy



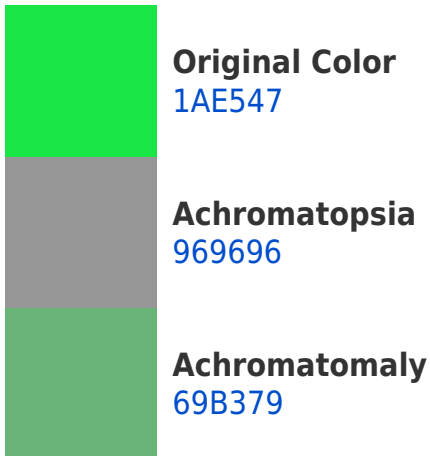


Tritanopia
60D6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1AE547 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 #1AE547 looks like.

```
.text, #text, p{  
    color:#1AE547  
}
```

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 #1AE547 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AE547
}
```

Border

The CSS property to change the border of an element to Hex 1AE547 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
#1AE547 }
```

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

```
.border{ border-color:#1AE547 }
```

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

Here you see how a box with a 4 pixel #1AE547 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AE547; -webkit-box-shadow:4px 4px  
4px 4px #1AE547; box-shadow:4px 4px 4px  
4px #1AE547 }
```

Background

The CSS property to change the background color of an element to Hex 1AE547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AE547 }
```

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

```
.background{ background-color:#1AE547 }
```

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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