

Converting Colors

Hex(1AC71A)

Have a look what the booklet for
Hex(1AC71A) contains.

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Color

Hex(1AC71A)

Conversions

Conversions Part 1

Format	Color
Hex	1AC71A
RGB	26, 199, 26
RGB Percent	10%, 78%, 10%
CMY	0.8980, 0.2196, 0.8980
CMYK	0.87, 0.00, 0.87, 0.22
HSL	120°, 77%, 44%
HSV	120°, 87%, 78%
XYZ	21.0359, 41.1410, 7.8096
YIQ	127.5510, -47.5750, -90.4790

Conversions

Conversions Part 2

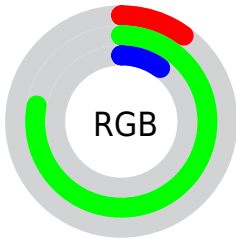
Format	Color
RYB	26, 199, 199
Decimal	1754906
CIELab	70.27, -69.43, 65.65
CIELCh	70, 95.555, 136.602
Yxy	41.1410, 0.3006, 0.5878
Android (android.graphics.Color)	4279944986 (0xFF1AC71A)
YUV	127.5510, -50.0646, -89.0602
Hunter-Lab	64.1413, -53.7061, 37.6800

Details

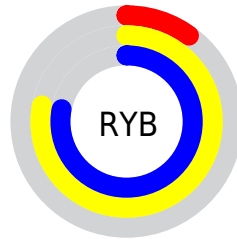
The Hex color **1AC71A** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **C71AC7**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **6DFF5A**, and **008F00** is the 20% darker color. If you saturate the color by 10%, you get **06C706**, and if you desaturate by 10%, it is **2EC72E**.

Distribution



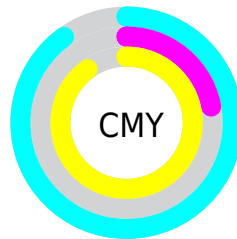
- Red (10%)
- Green (78%)
- Blue (10%)



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



- Cyan (87%)
- Magenta (0%)
- Yellow (87%)
- Black (22%)



- Cyan (90%)
- Magenta (22%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1AC71A 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 1AC71A by changing the saturation by 10% instead.



1AC71A



1AC71A

FFFFFF



00AB00



6DFF5A



008F00



8EFF76



007400



ADFF92



005A00



CCFFAF



004100



EBFFCB



002900



FFFFE9



000200



000000



1AC71A



1AC71A

■ 06C706

■ 2EC72E

■ 00C700

■ 42C742

■ 56C756

■ 6AC76A

■ 7EC77E

■ 91C791

■ A5C7A5

■ B9C7B9

■ CDC7CD

Harmonies

Analogous

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



A2B700



1AC71A



00CF80

Triad

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



1AC71A



00C1FF



FF3E80

Complementary

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



1AC71A



C71AC7

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.



FF45D7



1AC71A



00A6FF

Square

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



1AC71A



00CEFF



E97AFF



FF6F2A

Rectangle

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



1AC71A



00D1BD



E97AFF



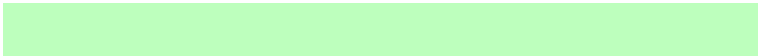
FF369D

Sweetspot

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



1AC71A



BDFFB8



C7C71A



588058



000000



808080

Same Dimension

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



1AC71A



00FF00



1AC771



5A635A



00A300



002400

Inverse Universe

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



C71AC7



FF00FF



C71A71



635A63



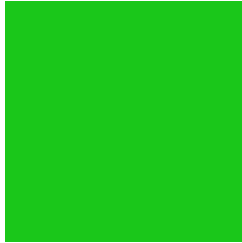
A300A3



240024

Previews

White Background



This preview shows how the Hex color 1AC71A looks on a white background.

Color Contrast Check

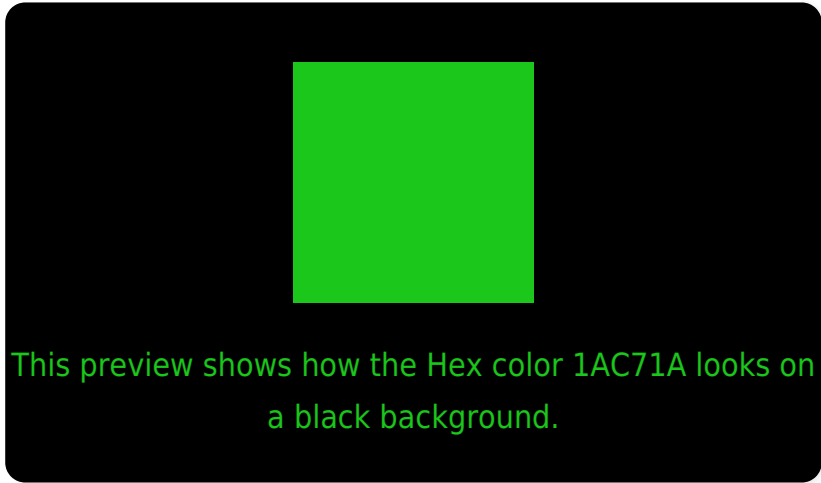
Large Text (above 18pt) WCAG AA × Fail

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 1AC71A Background



This preview shows how black text looks on a background with the Hex color 1AC71A.

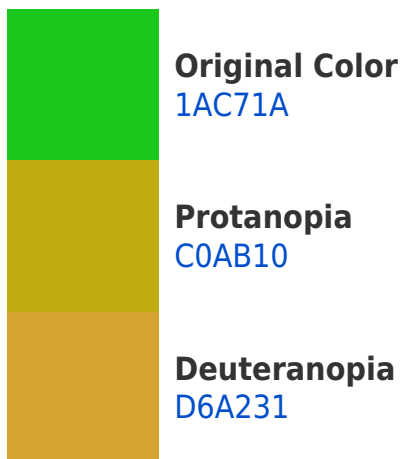


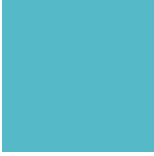
This preview shows how white text looks on a background with the Hex color 1AC71A.

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](#).

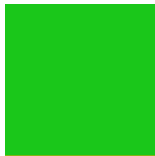
Dichromacy





Tritanopia
56B9C8

Trichromacy



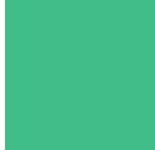
Original Color
1AC71A



Protanomaly
84B514



Deuteranomaly
92AF29



Tritanomaly
40BE89

Monochromacy



Original Color
1AC71A



Achromatopsia
808080



Achromatomaly
5B9A5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1AC71A 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 #1AC71A looks like.

```
.text, #text, p{  
    color:#1AC71A  
}
```

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 #1AC71A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AC71A
}
```

Border

The CSS property to change the border of an element to Hex 1AC71A 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
#1AC71A }
```

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

```
.border{ border-color:#1AC71A }
```

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

Here you see how a box with a 4 pixel #1AC71A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AC71A; -webkit-box-shadow:4px 4px  
4px 4px #1AC71A; box-shadow:4px 4px 4px  
4px #1AC71A }
```

Background

The CSS property to change the background color of an element to Hex 1AC71A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AC71A }
```

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

```
.background{ background-color:#1AC71A }
```

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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