

Converting Colors

Hex(2AC74B)

Have a look what the booklet for
Hex(2AC74B) contains.

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Color

Hex(2AC74B)

Conversions

Conversions Part 1

Format	Color
Hex	2AC74B
RGB	42, 199, 75
RGB Percent	16%, 78%, 29%
CMY	0.8353, 0.2196, 0.7059
CMYK	0.79, 0.00, 0.62, 0.22
HSL	133°, 65%, 47%
HSV	133°, 79%, 78%
XYZ	22.6483, 41.8471, 13.5402
YIQ	137.9210, -53.7680, -71.8480

Conversions

Conversions Part 2

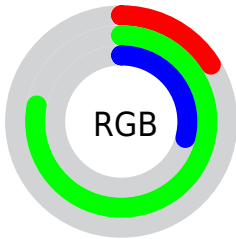
Format	Color
RYB	42, 172, 199
Decimal	2803531
CIELab	70.77, -64.01, 49.77
CIELCh	71, 81.079, 142.134
Yxy	41.8471, 0.2902, 0.5363
Android (android.graphics.Color)	4280993611 (0xFF2AC74B)
YUV	137.9210, -31.0201, -84.1227
Hunter-Lab	64.6893, -50.7120, 32.8724

Details

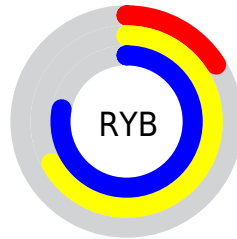
The Hex color **2AC74B** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **C72AA6**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **72FF80**, and **008F12** is the 20% darker color. If you saturate the color by 10%, you get **16C73B**, and if you desaturate by 10%, it is **3EC75B**.

Distribution



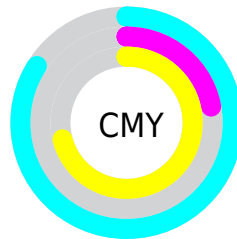
- Red (16%)
- Green (78%)
- Blue (29%)



- Red (16%)
- Yellow (67%)
- Blue (78%)



- Cyan (79%)
- Magenta (0%)
- Yellow (62%)
- Black (22%)



- Cyan (84%)
- Magenta (22%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AC74B 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 2AC74B by changing the saturation by 10% instead.

 2AC74B

 2AC74B

FFFFFF

 00AB30

 72FF80

 008F12

 91FF9B

 007500

 B0FFB7

 005B00

 CEFFD3

 004200

 EDFFF0

 002A00

 000500

 000000

 2AC74B

 2AC74B

 16C73B

 3EC75B

 02C72C

 52C76A

 00C72A

 66C77A

 7AC78A

 8EC79A

 A1C7A9

 B5C7B9

 C9C7C9

 DDC7D8

Harmonies

Analogous

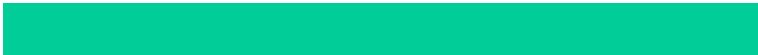
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9BBA00



2AC74B



00CD97

Triad

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



2AC74B



00BCFF



FF647A

Complementary

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



2AC74B



C72AA6

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.



FF60C4



2AC74B



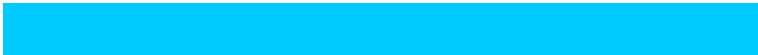
81A2FF

Square

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



2AC74B



00CAFF



F27FFF



FF8336

Rectangle

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



2AC74B



00CFCA



F27FFF



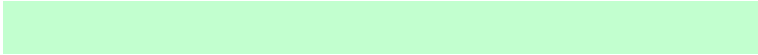
FF5E92

Sweetspot

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



2AC74B



C2FFCF



A8C72A



5B8062



000000



808080

Same Dimension

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



2AC74B



0DFF40



2AC798



5A635C



00A322



002408

Inverse Universe

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



C72AA6



FF0DCC



C72A59



635A61



A30081



24001C

Previews

White Background



This preview shows how the Hex color 2AC74B looks on a white background.

Color Contrast Check

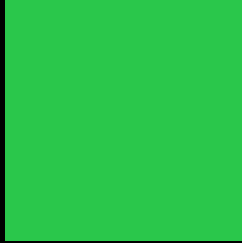
Large Text (above 18pt) WCAG AA × Fail

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 2AC74B 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 2AC74B Background



This preview shows how black text looks on a background with the Hex color 2AC74B.

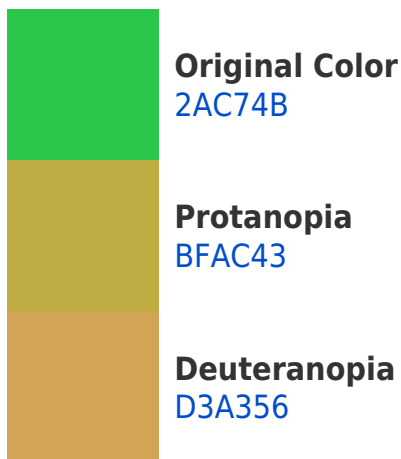


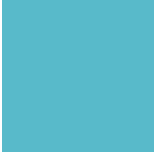
This preview shows how white text looks on a background with the Hex color 2AC74B.

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
58BACA

Trichromacy



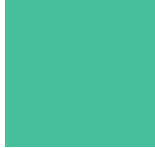
Original Color
2AC74B



Protanomaly
89B646



Deuteranomaly
96B052



Tritanomaly
47BF9C

Monochromacy



Original Color
2AC74B



Achromatopsia
8A8A8A



Achromatomaly
67A073

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AC74B 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 #2AC74B looks like.

```
.text, #text, p{  
    color:#2AC74B  
}
```

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 #2AC74B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AC74B
}
```

Border

The CSS property to change the border of an element to Hex 2AC74B 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
#2AC74B }
```

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

```
.border{ border-color:#2AC74B }
```

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

Here you see how a box with a 4 pixel #2AC74B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AC74B; -webkit-box-shadow:4px 4px  
4px 4px #2AC74B; box-shadow:4px 4px 4px  
4px #2AC74B }
```

Background

The CSS property to change the background color of an element to Hex 2AC74B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AC74B }
```

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

```
.background{ background-color:#2AC74B }
```

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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