

Converting Colors

Hex(2AC63D)

Have a look what the booklet for
Hex(2AC63D) contains.

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Color

Hex(2AC63D)

Conversions

Conversions Part 1

Format	Color
Hex	2AC63D
RGB	42, 198, 61
RGB Percent	16%, 78%, 24%
CMY	0.8353, 0.2235, 0.7608
CMYK	0.79, 0.00, 0.69, 0.22
HSL	127°, 65%, 47%
HSV	127°, 79%, 78%
XYZ	21.9912, 41.2173, 11.2116
YIQ	135.7380, -48.9990, -75.6790

Conversions

Conversions Part 2

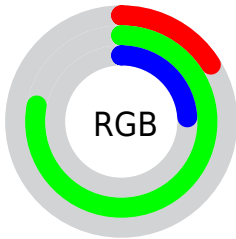
Format	Color
R_{YB}	42, 181, 198
Decimal	2803261
CIE _{Lab}	70.33, -65.15, 55.10
CIE _{LCh}	70, 85.325, 139.777
Yxy	41.2173, 0.2955, 0.5538
Android (android.graphics.Color)	4280993341 (0xFF2AC63D)
YUV	135.7380, -36.8458, -82.2082
Hunter-Lab	64.2007, -51.2081, 34.5865

Details

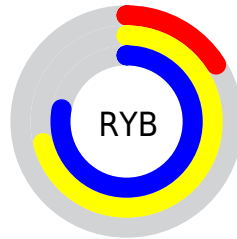
The Hex color **2AC63D** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C62AB3**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **73FF73**, and **008F00** is the 20% darker color. If you saturate the color by 10%, you get **16C62C**, and if you desaturate by 10%, it is **3EC64E**.

Distribution



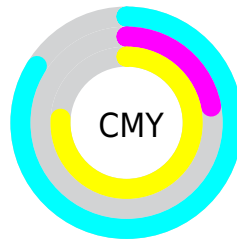
- Red (16%)
- Green (78%)
- Blue (24%)



- Red (16%)
- Yellow (71%)
- Blue (78%)



- Cyan (79%)
- Magenta (0%)
- Yellow (69%)
- Black (22%)



- Cyan (84%)
- Magenta (22%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AC63D 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 2AC63D by changing the saturation by 10% instead.

 2AC63D

 2AC63D

FFFFFF

 00AA1F

 73FF73

 008F00

 92FF8E

 007400

 B0FFAA

 005A00

 CFFFC6

 004100

 EEFFE3

 002900

 000200

 000000

 2AC63D

 2AC63D

■ 16C62C

■ 3EC64E

■ 02C61A

■ 52C660

■ 00C618

■ 65C671

■ 79C683

■ 8DC694

■ A1C6A5

■ B5C6B7

■ C8C6C8

■ DCC6D9

Harmonies

Analogous

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



9EB800



2AC63D



00CD8E

Triad

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



2AC63D



00BDFE



FF597D

Complementary

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



2AC63D



C62AB3

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.



FF59CA



2AC63D



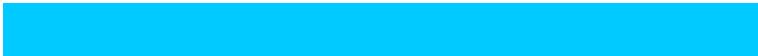
68A3FF

Square

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



2AC63D



00CAFF



ED7DFF



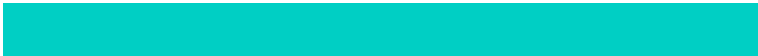
FF7C33

Rectangle

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



2AC63D



00CFC4



ED7DFF



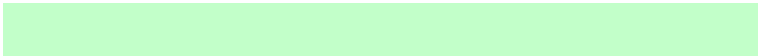
FF5396

Sweetspot

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



2AC63D



C2FFC9



B4C62A



5B805F



000000



808080

Same Dimension

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



2AC63D



0DFF2A



2AC68A



5A635B



00A314



002404

Inverse Universe

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



C62AB3



FF0DE1



C62A66



635A62



A3008F



24001F

Previews

White Background



This preview shows how the Hex color 2AC63D looks on a white background.

Color Contrast Check

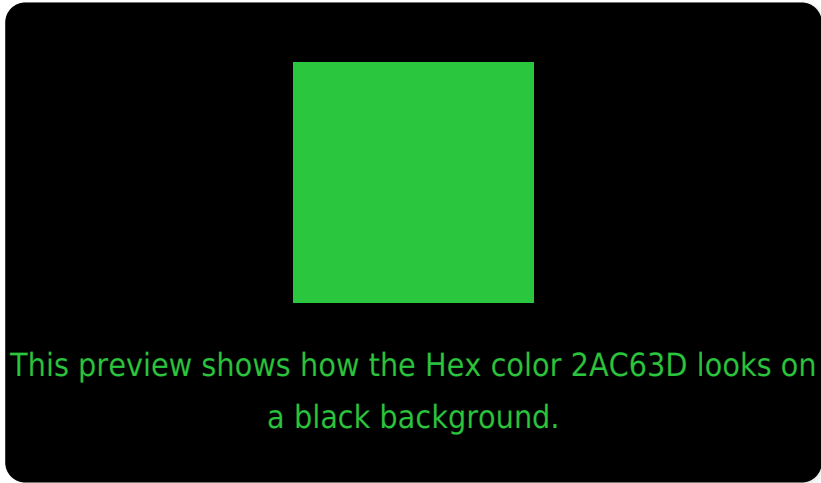
Large Text (above 18pt) WCAG AA × Fail

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 2AC63D Background



This preview shows how black text looks on a background with the Hex color 2AC63D.

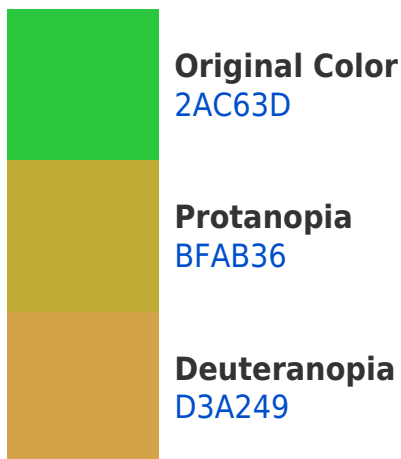


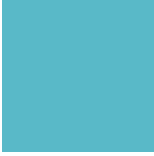
This preview shows how white text looks on a background with the Hex color 2AC63D.

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
59B9C8

Trichromacy



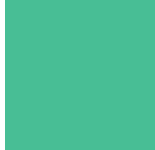
Original Color
2AC63D



Protanomaly
89B539



Deuteranomaly
96AF45



Tritanomaly
48BE95

Monochromacy



Original Color
2AC63D



Achromatopsia
888888



Achromatomaly
669F6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AC63D 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 #2AC63D looks like.

```
.text, #text, p{  
    color:#2AC63D  
}
```

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 #2AC63D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AC63D
}
```

Border

The CSS property to change the border of an element to Hex 2AC63D 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
#2AC63D }
```

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

```
.border{ border-color:#2AC63D }
```

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

Here you see how a box with a 4 pixel #2AC63D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AC63D; -webkit-box-shadow:4px 4px  
4px 4px #2AC63D; box-shadow:4px 4px 4px  
4px #2AC63D }
```

Background

The CSS property to change the background color of an element to Hex 2AC63D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AC63D }
```

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

```
.background{ background-color:#2AC63D }
```

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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