

Converting Colors

Hex(2AC000)

Have a look what the booklet for
Hex(2AC000) contains.

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Color

Hex(2AC000)

Conversions

Conversions Part 1

Format	Color
Hex	2AC000
RGB	42, 192, 0
RGB Percent	16%, 75%, 0%
CMY	0.8353, 0.2471, 1.0000
CMYK	0.78, 0.00, 1.00, 0.25
HSL	107°, 100%, 38%
HSV	107°, 100%, 75%
XYZ	19.8045, 38.1915, 6.3279
YIQ	125.2620, -27.7680, -91.5120

Conversions

Conversions Part 2

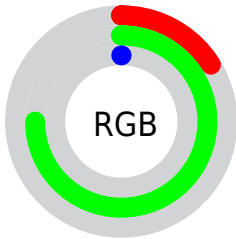
Format	Color
RYB	0, 192, 150
Decimal	2801664
CIELab	68.16, -66.34, 67.64
CIELCh	68, 94.742, 134.446
Yxy	38.1915, 0.3079, 0.5937
Android (android.graphics.Color)	4280991744 (0xFF2AC000)
YUV	125.2620, -61.7542, -73.0208
Hunter-Lab	61.7993, -50.9458, 37.1885

Details

The Hex color **2AC000** 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 **9600C0**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **73FA4F**, and **008900** is the 20% darker color. If you saturate the color by 10%, you get **2AC000**, and if you desaturate by 10%, it is **39C013**.

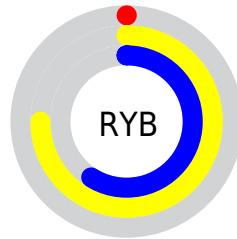
Distribution



Red (16%)

Green (75%)

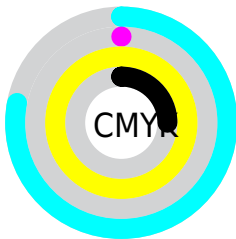
Blue (0%)



Red (0%)

Yellow (75%)

Blue (59%)

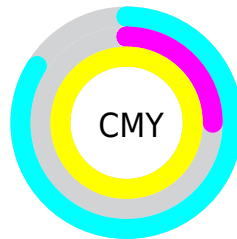


Cyan (78%)

Magenta (0%)

Yellow (100%)

Black (25%)



Cyan (84%)

Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AC000 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 2AC000 by changing the saturation by 10% instead.

 2AC000

 2AC000

FFFFFF

 00A400

 73FA4F

 008900

 93FF6B

 006E00

 B1FF88

 005400

 D0FFA4

 003C00

 EFFF C1

 002300

 FFFF DE

 000000

 FFFF FC

 2AC000

 39C013

 48C026

 57C03A

 66C04D

 75C060

 84C073

 93C086

 A2C09A

 B1C0AD

Harmonies

Analogous

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



A2AF00



2AC000



00C875

Triad

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



2AC000



00BDFE



FF3481

Complementary

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



2AC000



9600C0

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.



FF42D6



2AC000



00A3FF

Square

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



2AC000



00C8FF



DB78FF



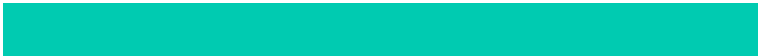
FF662D

Rectangle

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



2AC000



00CBB1



DB78FF



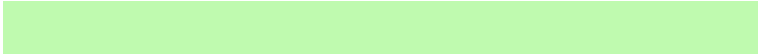
FF2E9D

Sweetspot

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



2AC000



BFFAAF



C09300



5A7D50



FCFCFC



7D7D7D

Same Dimension

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



2AC000



37FA00



00C033



596157



23A100



072100

Inverse Universe

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



9600C0



C300FA



C0008D



5F5761



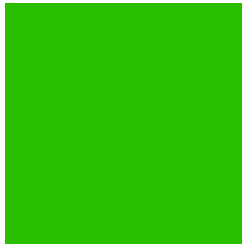
7E00A1



1A0021

Previews

White Background



This preview shows how the Hex color 2AC000 looks on a white background.

Color Contrast Check

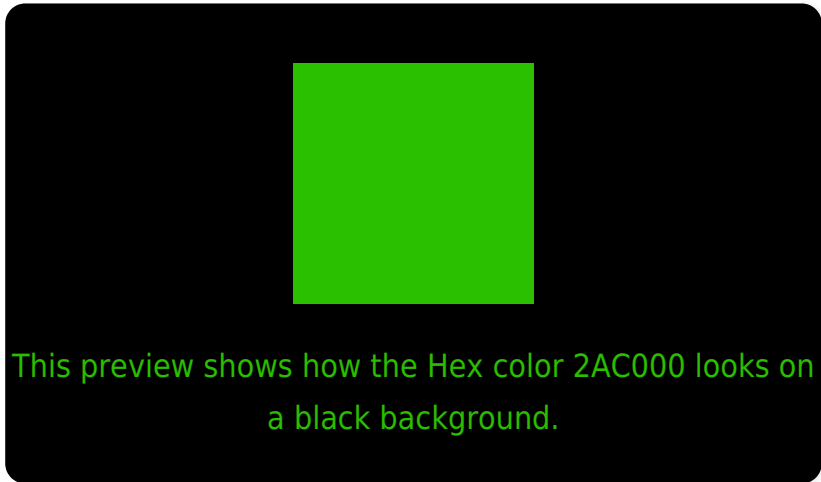
Large Text (above 18pt) WCAG AA × Fail

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

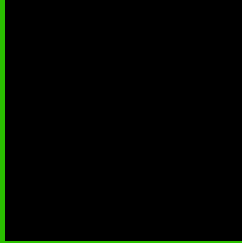
Any Text WCAG AA ✓ Pass

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 2AC000 Background



This preview shows how black text looks on a background with the Hex color 2AC000.

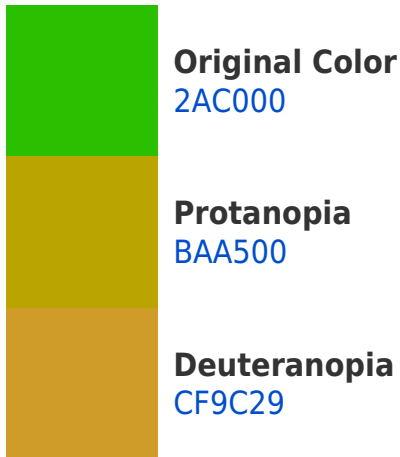


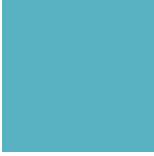
This preview shows how white text looks on a background with the Hex color 2AC000.

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](#).

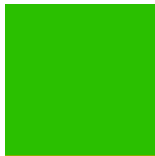
Dichromacy





Tritanopia
59B2C1

Trichromacy



Original Color
2AC000



Protanomaly
86AF00



Deuteranomaly
93A91A



Tritanomaly
48B77B

Monochromacy



Original Color
2AC000



Achromatopsia
7D7D7D



Achromatomaly
5F9550

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AC000 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 #2AC000 looks like.

```
.text, #text, p{  
    color:#2AC000  
}
```

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 #2AC000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AC000
}
```

Border

The CSS property to change the border of an element to Hex 2AC000 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
#2AC000 }
```

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

```
.border{ border-color:#2AC000 }
```

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

Here you see how a box with a 4 pixel #2AC000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AC000; -webkit-box-shadow:4px 4px  
4px 4px #2AC000; box-shadow:4px 4px 4px  
4px #2AC000 }
```

Background

The CSS property to change the background color of an element to Hex 2AC000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AC000 }
```

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

```
.background{ background-color:#2AC000 }
```

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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