

Converting Colors

Hex(2AD31C)

Have a look what the booklet for
Hex(2AD31C) contains.

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Color

Hex(2AD31C)

Conversions

Conversions Part 1

Format	Color
Hex	2AD31C
RGB	42, 211, 28
RGB Percent	16%, 83%, 11%
CMY	0.8353, 0.1725, 0.8902
CMYK	0.80, 0.00, 0.87, 0.17
HSL	115°, 77%, 47%
HSV	115°, 87%, 83%
XYZ	24.4587, 47.1646, 8.9132
YIQ	139.6070, -41.9810, -92.7410

Conversions

Conversions Part 2

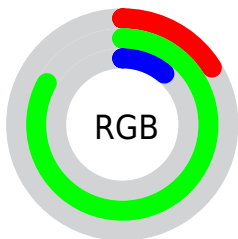
Format	Color
RYB	28, 211, 197
Decimal	2806556
CIELab	74.29, -71.17, 68.84
CIELCh	74, 99.018, 135.954
Yxy	47.1646, 0.3037, 0.5856
Android (android.graphics.Color)	4280996636 (0xFF2AD31C)
YUV	139.6070, -55.0223, -85.6013
Hunter-Lab	68.6765, -56.6122, 40.3786

Details

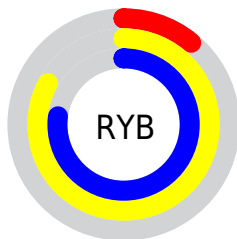
The Hex color **2AD31C** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **C51CD3**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **77FF5D**, and **009B00** is the 20% darker color. If you saturate the color by 10%, you get **17D307**, and if you desaturate by 10%, it is **3DD331**.

Distribution



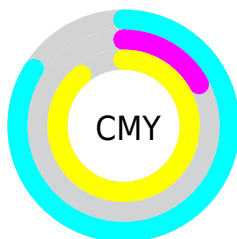
- Red (16%)
- Green (83%)
- Blue (11%)



- Red (11%)
- Yellow (83%)
- Blue (77%)



- Cyan (80%)
- Magenta (0%)
- Yellow (87%)
- Black (17%)



- Cyan (84%)
- Magenta (17%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AD31C 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 2AD31C by changing the saturation by 10% instead.

 2AD31C

 2AD31C

FFFFFF

 00B700

 77FF5D

 009B00

 97FF7A

 008000

 B7FF96

 006500

 D6FFB3

 004B00

 F5FFD0

 003300

 FFFFED

 001800

 000000

 2AD31C

 2AD31C

 17D307

 3DD331

 10D300

 51D346

 64D35B

 78D370

 8BD386

 9FD39B

 B2D3B0

 C6D3C5

 D9D3DA

Harmonies

Analogous

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



AFC200



2AD31C



00DB87

Triad

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



2AD31C



00CEFF



FF458B

Complementary

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



2AD31C



C51CD3

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.



FF4EE5



2AD31C



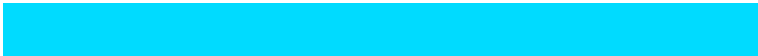
00B1FF

Square

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



2AD31C



00DBFF



F584FF



FF7632

Rectangle

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



2AD31C



00DEC7



F584FF



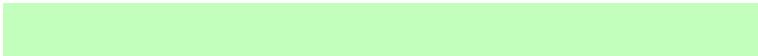
FF3EA9

Sweetspot

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



2AD31C



C2FFBD



D3C41C



5B8058



000000



808080

Same Dimension

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



2AD31C



14FF00



1CD368



5F695E



0DA800



032900

Inverse Universe

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



C51CD3



EB00FF



D31C87



685E69



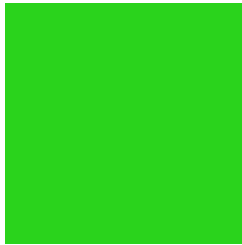
9B00A8



260029

Previews

White Background



This preview shows how the Hex color 2AD31C looks on a white background.

Color Contrast Check

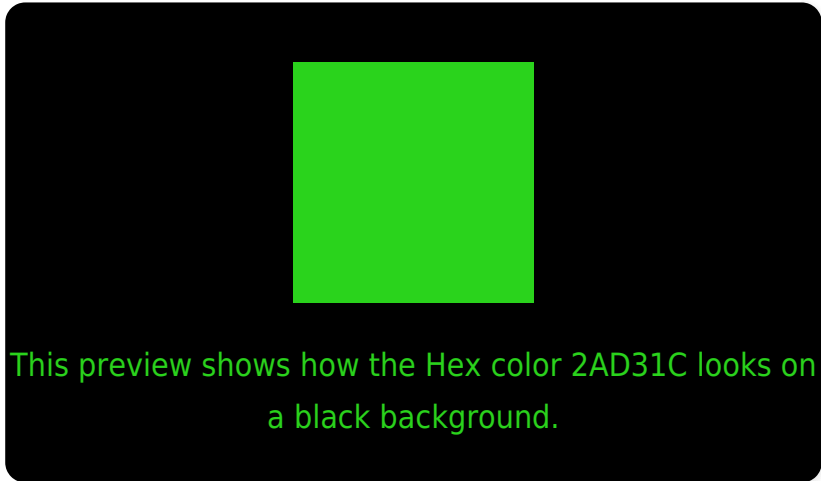
Large Text (above 18pt) WCAG AA × Fail

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 2AD31C Background



This preview shows how black text looks on a background with the Hex color 2AD31C.

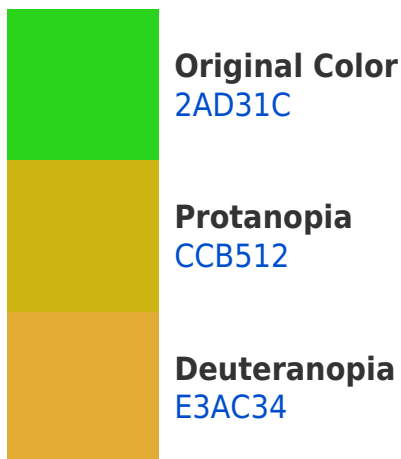


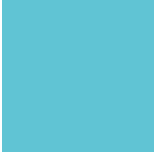
This preview shows how white text looks on a background with the Hex color 2AD31C.

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](#).

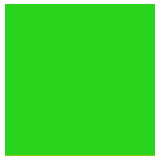
Dichromacy





Tritanopia
60C4D4

Trichromacy



Original Color
2AD31C



Protanomaly
91C016



Deuteranomaly
A0BA2B



Tritanomaly
4CC991

Monochromacy



Original Color
2AD31C



Achromatopsia
8C8C8C



Achromatomaly
68A663

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AD31C 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 #2AD31C looks like.

```
.text, #text, p{  
    color:#2AD31C  
}
```

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 #2AD31C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AD31C
}
```

Border

The CSS property to change the border of an element to Hex 2AD31C 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
#2AD31C }
```

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

```
.border{ border-color:#2AD31C }
```

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

Here you see how a box with a 4 pixel #2AD31C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AD31C; -webkit-box-shadow:4px 4px  
4px 4px #2AD31C; box-shadow:4px 4px 4px  
4px #2AD31C }
```

Background

The CSS property to change the background color of an element to Hex 2AD31C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AD31C }
```

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

```
.background{ background-color:#2AD31C }
```

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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