

Converting Colors

Hex(2AD417)

Have a look what the booklet for
Hex(2AD417) contains.

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Color

Hex(2AD417)

Conversions

Conversions Part 1

Format	Color
Hex	2AD417
RGB	42, 212, 23
RGB Percent	16%, 83%, 9%
CMY	0.8353, 0.1686, 0.9098
CMYK	0.80, 0.00, 0.89, 0.17
HSL	114°, 80%, 46%
HSV	114°, 89%, 83%
XYZ	24.6530, 47.6411, 8.7069
YIQ	139.6240, -40.6510, -94.8190

Conversions

Conversions Part 2

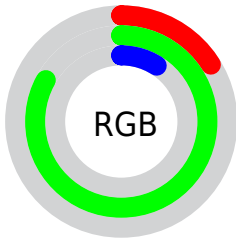
Format	Color
RYB	23, 212, 193
Decimal	2806807
CIELab	74.60, -71.64, 70.04
CIELCh	75, 100.187, 135.647
Yxy	47.6411, 0.3044, 0.5882
Android (android.graphics.Color)	4280996887 (0xFF2AD417)
YUV	139.6240, -57.4956, -85.6162
Hunter-Lab	69.0225, -57.0340, 40.8366

Details

The Hex color **2AD417** 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 **C117D4**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **78FF5B**, and **009C00** is the 20% darker color. If you saturate the color by 10%, you get **17D402**, and if you desaturate by 10%, it is **3DD42C**.

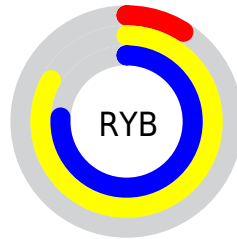
Distribution



Red (16%)

Green (83%)

Blue (9%)



Red (9%)

Yellow (83%)

Blue (76%)

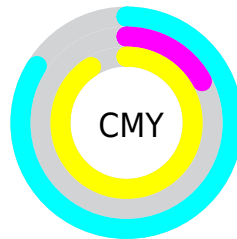


Cyan (80%)

Magenta (0%)

Yellow (89%)

Black (17%)



Cyan (84%)

Magenta (17%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AD417 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 2AD417 by changing the saturation by 10% instead.

 2AD417

 2AD417

FFFFFF

 00B800

 78FF5B

 009C00

 98FF77

 008000

 B7FF94

 006600

 D6FFB1

 004C00

 F6FFCE

 003400

 FFFFEB

 001900

 000000

 2AD417

 2AD417

 17D402

 3DD42C

 15D400

 50D441

 63D457

 76D46C

 89D481

 9CD496

 AFD4AB

 C3D4C1

 D6D4D6

Harmonies

Analogous

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



B0C200



2AD417



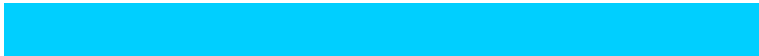
00DD86

Triad

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



2AD417



00CFFF



FF428C

Complementary

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



2AD417



C117D4

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.



FF4DE8



2AD417



00B3FF

Square

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



2AD417



00DCFF



F584FF



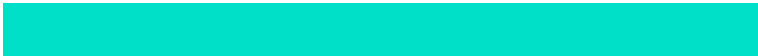
FF7531

Rectangle

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



2AD417



00DFC7



F584FF



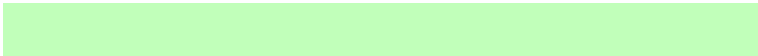
FF3BAA

Sweetspot

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



2AD417



C1FFBA



D4BE17



5B8057



000000



808080

Same Dimension

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



2AD417



1AFF00



17D45F



616B60



11AB00



042B00

Inverse Universe

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



C117D4



E500FF



D4178C



6A606B



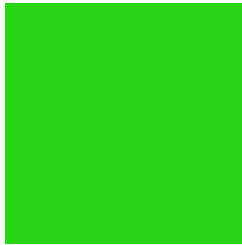
9A00AB



27002B

Previews

White Background



This preview shows how the Hex color 2AD417 looks on a white background.

Color Contrast Check

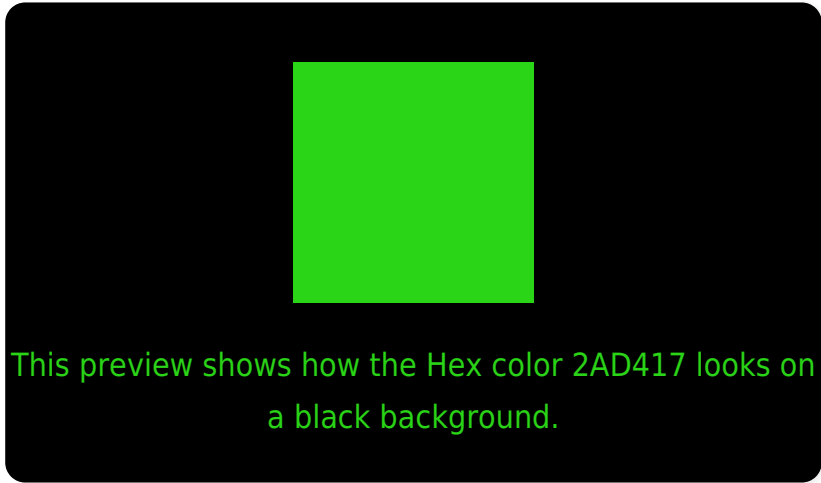
Large Text (above 18pt) WCAG AA × Fail

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

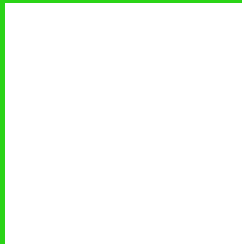
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2AD417 Background



This preview shows how black text looks on a background with the Hex color 2AD417.

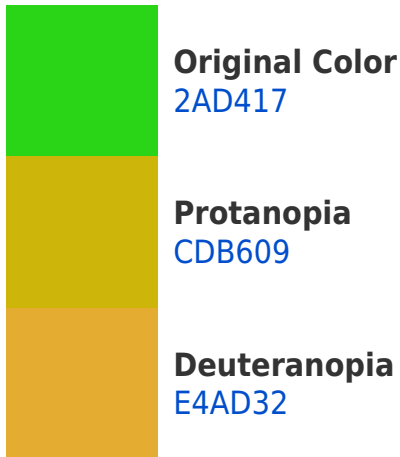


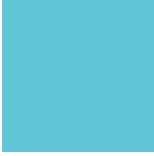
This preview shows how white text looks on a background with the Hex color 2AD417.

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
60C5D5

Trichromacy



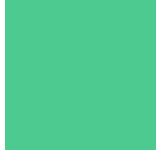
Original Color
2AD417



Protanomaly
92C10E

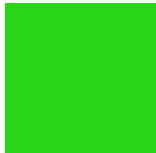


Deuteranomaly
A0BB28



Tritanomaly
4CCA90

Monochromacy



Original Color
2AD417



Achromatopsia
8C8C8C



Achromatomaly
68A661

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AD417 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 #2AD417 looks like.

```
.text, #text, p{  
    color:#2AD417  
}
```

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 #2AD417 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AD417
}
```

Border

The CSS property to change the border of an element to Hex 2AD417 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
#2AD417 }
```

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

```
.border{ border-color:#2AD417 }
```

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

Here you see how a box with a 4 pixel #2AD417 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AD417; -webkit-box-shadow:4px 4px  
4px 4px #2AD417; box-shadow:4px 4px 4px  
4px #2AD417 }
```

Background

The CSS property to change the background color of an element to Hex 2AD417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AD417 }
```

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

```
.background{ background-color:#2AD417 }
```

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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