

Converting Colors

Hex(2AD257)

Have a look what the booklet for
Hex(2AD257) contains.

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Color

Hex(2AD257)

Conversions

Conversions Part 1

Format	Color
Hex	2AD257
RGB	42, 210, 87
RGB Percent	16%, 82%, 34%
CMY	0.8353, 0.1765, 0.6588
CMYK	0.80, 0.00, 0.59, 0.18
HSL	136°, 67%, 49%
HSV	136°, 80%, 82%
XYZ	25.7217, 47.2735, 16.7859
YIQ	145.7460, -60.6450, -73.8690

Conversions

Conversions Part 2

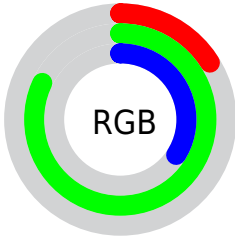
Format	Color
RYB	42, 175, 210
Decimal	2806359
CIELab	74.36, -66.09, 48.56
CIElCh	74, 82.011, 143.692
Yxy	47.2735, 0.2865, 0.5265
Android (android.graphics.Color)	4280996439 (0xFF2AD257)
YUV	145.7460, -28.9618, -90.9852
Hunter-Lab	68.7558, -53.5452, 33.6541

Details

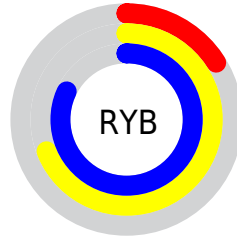
The Hex color **2AD257** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **D22AA5**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **75FF8C**, and **009A21** is the 20% darker color. If you saturate the color by 10%, you get **15D248**, and if you desaturate by 10%, it is **3FD266**.

Distribution



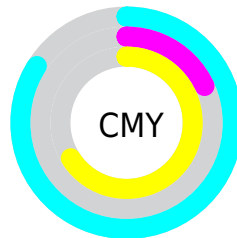
- Red (16%)
- Green (82%)
- Blue (34%)



- Red (16%)
- Yellow (69%)
- Blue (82%)



- Cyan (80%)
- Magenta (0%)
- Yellow (59%)
- Black (18%)



- Cyan (84%)
- Magenta (18%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AD257 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 2AD257 by changing the saturation by 10% instead.

 2AD257

 2AD257

FFFFFF

 00B63D

 75FF8C

 009A21

 94FFA8

 007F00

 B3FFC4

 006400

 D2FFE0

 004B00

 F1FFFD

 003300

 001800

 000000

 2AD257

 2AD257

 15D248

 3FD266

 00D238

 54D276

 69D285

 7ED294

 93D2A4

 A8D2B3

 BDD2C3

 D2D2D2

 E7D2E1

Harmonies

Analogous

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



A1C500



2AD257



00D8A4

Triad

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



2AD257



00C5FF



FF6F7F

Complementary

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



2AD257



D22AA5

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.



FF69CA



2AD257



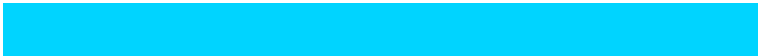
94AAFF

Square

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



2AD257



00D4FF



FF86FF



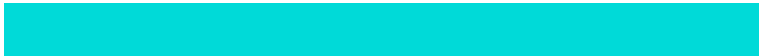
FF8E3B

Rectangle

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



2AD257



00DAD8



FF86FF



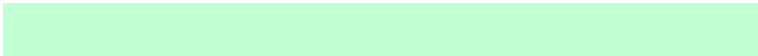
FF6998

Sweetspot

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



2AD257



C2FFD2



A5D22A



5B8064



000000



808080

Same Dimension

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



2AD257



0AFF4C



2AD2AB



5E6961



00A82D



00290B

Inverse Universe

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



D22AA5



FF0ABD



D22A51



695E66



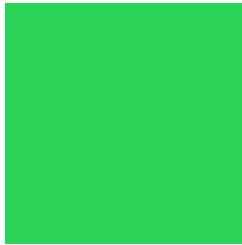
A8007B



29001E

Previews

White Background



This preview shows how the Hex color 2AD257 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 2AD257 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 2AD257 Background



This preview shows how black text looks on a background with the Hex color 2AD257.

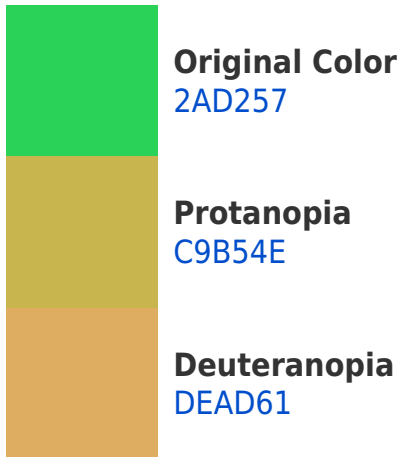


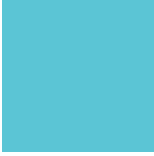
This preview shows how white text looks on a background with the Hex color 2AD257.

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
5BC5D5

Trichromacy



Original Color
2AD257



Protanomaly
8FC051



Deuteranomaly
9DBA5D



Tritanomaly
49CAA7

Monochromacy



Original Color
2AD257



Achromatopsia
929292



Achromatomaly
6CA97D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AD257 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 #2AD257 looks like.

```
.text, #text, p{  
    color:#2AD257  
}
```

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 #2AD257 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AD257
}
```

Border

The CSS property to change the border of an element to Hex 2AD257 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
#2AD257 }
```

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

```
.border{ border-color:#2AD257 }
```

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

Here you see how a box with a 4 pixel #2AD257 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AD257; -webkit-box-shadow:4px 4px  
4px 4px #2AD257; box-shadow:4px 4px 4px  
4px #2AD257 }
```

Background

The CSS property to change the background color of an element to Hex 2AD257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AD257 }
```

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

```
.background{ background-color:#2AD257 }
```

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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