

Converting Colors

Hex(2AD37B)

Have a look what the booklet for
Hex(2AD37B) contains.

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Color

Hex(2AD37B)

Conversions

Conversions Part 1

Format	Color
Hex	2AD37B
RGB	42, 211, 123
RGB Percent	16%, 83%, 48%
CMY	0.8353, 0.1725, 0.5176
CMYK	0.80, 0.00, 0.42, 0.17
HSL	149°, 67%, 50%
HSV	149°, 80%, 83%
XYZ	27.8243, 48.5108, 26.6359
YIQ	150.4370, -72.4760, -63.1960

Conversions

Conversions Part 2

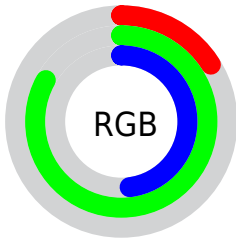
Format	Color
RYB	42, 156, 211
Decimal	2806651
CIELab	75.15, -60.88, 32.06
CIELCh	75, 68.804, 152.223
Yxy	48.5108, 0.2702, 0.4711
Android (android.graphics.Color)	4280996731 (0xFF2AD37B)
YUV	150.4370, -13.5264, -95.0992
Hunter-Lab	69.6497, -50.5783, 26.0807

Details

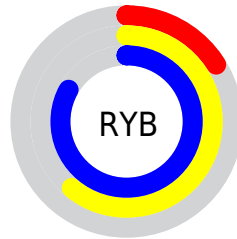
The Hex color **2AD37B** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **D32A82**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **74FFB0**, and **009B49** is the 20% darker color. If you saturate the color by 10%, you get **15D370**, and if you desaturate by 10%, it is **3FD386**.

Distribution



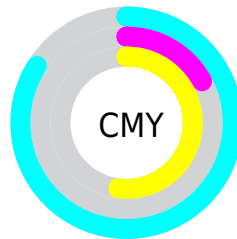
- Red (16%)
- Green (83%)
- Blue (48%)



- Red (16%)
- Yellow (61%)
- Blue (83%)



- Cyan (80%)
- Magenta (0%)
- Yellow (42%)
- Black (17%)



- Cyan (84%)
- Magenta (17%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AD37B 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 2AD37B by changing the saturation by 10% instead.

 2AD37B

 2AD37B

FFFFFF

 00B761

 74FFB0

 009B49

 93FFCC

 008031

 B2FFE8

 006619

 D1FFFF

 004C00

 EFFFFFFF

 003500

 001B00

 000000

 2AD37B

 2AD37B

 15D370

 3FD386

 00D365

 54D391

 69D39C

 7ED3A7

 93D3B2

 A9D3BD

 BED3C8

 D3D3D3

 E8D3DE

Harmonies

Analogous

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



95C945



2AD37B



00D7BC

Triad

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



2AD37B



00BFFF



FF8779

Complementary

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



2AD37B



D32A82

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.



FF7DB7



2AD37B



C0A6FF

Square

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



2AD37B



00CFFF



FF8BF5



FFA046

Rectangle

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



2AD37B



00D7E7



FF8BF5



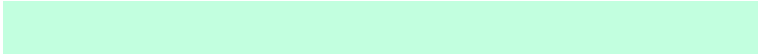
FF828D

Sweetspot

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



2AD37B



C2FFDF



84D32A



5B806C



000000



808080

Same Dimension

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



2AD37B



0AFF80



2AD3CD



5E6963



00A851



002914

Inverse Universe

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



D32A82



FF0A8A



D32A30



695E64



A80058



290015

Previews

White Background



This preview shows how the Hex color 2AD37B looks on a white background.

Color Contrast Check

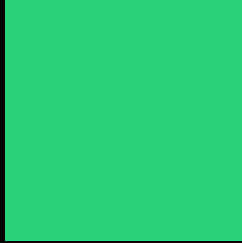
Large Text (above 18pt) WCAG AA × Fail

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 2AD37B 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 2AD37B Background



This preview shows how black text looks on a background with the Hex color 2AD37B.

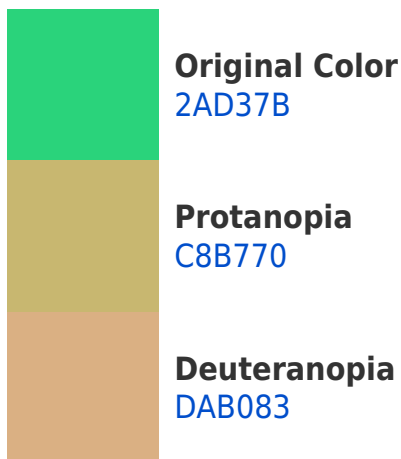


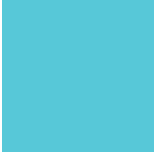
This preview shows how white text looks on a background with the Hex color 2AD37B.

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](#).

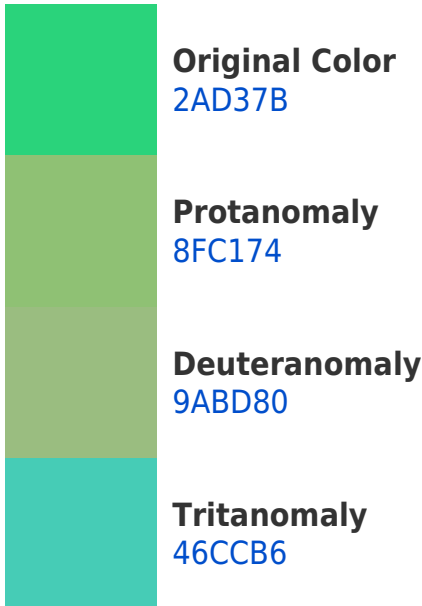
Dichromacy



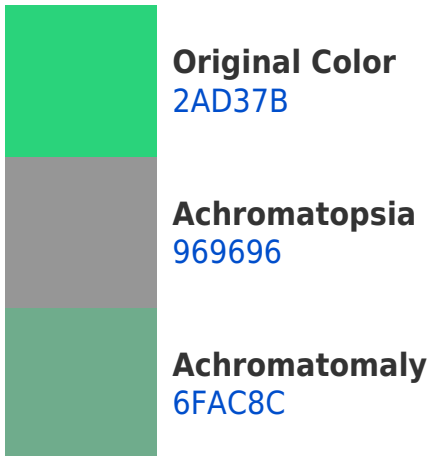


Tritanopia
56C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2AD37B 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 #2AD37B looks like.

```
.text, #text, p{  
    color:#2AD37B  
}
```

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 #2AD37B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AD37B
}
```

Border

The CSS property to change the border of an element to Hex 2AD37B 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
#2AD37B }
```

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

```
.border{ border-color:#2AD37B }
```

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

Here you see how a box with a 4 pixel #2AD37B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AD37B; -webkit-box-shadow:4px 4px  
4px 4px #2AD37B; box-shadow:4px 4px 4px  
4px #2AD37B }
```

Background

The CSS property to change the background color of an element to Hex 2AD37B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AD37B }
```

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

```
.background{ background-color:#2AD37B }
```

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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