

Converting Colors

Hex(4AD170)

Have a look what the booklet for
Hex(4AD170) contains.

Hex(4AD170)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4AD170)

Conversions

Conversions Part 1

Format	Color
Hex	4AD170
RGB	74, 209, 112
RGB Percent	29%, 82%, 44%
CMY	0.7098, 0.1804, 0.5608
CMYK	0.65, 0.00, 0.46, 0.18
HSL	137°, 59%, 55%
HSV	137°, 65%, 82%
XYZ	28.5491, 48.2266, 23.1332
YIQ	157.5770, -49.3230, -58.7870

Conversions

Conversions Part 2

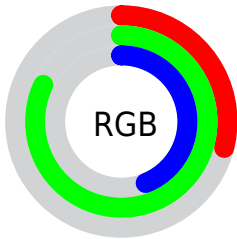
Format	Color
RYB	74, 179, 209
Decimal	4903280
CIELab	74.97, -57.25, 37.50
CIELCh	75, 68.437, 146.774
Yxy	48.2266, 0.2858, 0.4827
Android (android.graphics.Color)	4283093360 (0xFF4AD170)
YUV	157.5770, -22.4695, -73.2970
Hunter-Lab	69.4454, -48.1477, 28.8615

Details

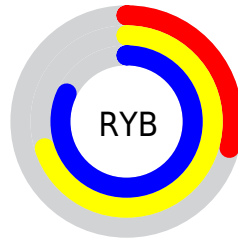
The Hex color **4AD170** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **D14AAB**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **88FFA5**, and **00993E** is the 20% darker color. If you saturate the color by 10%, you get **35D161**, and if you desaturate by 10%, it is **5FD17F**.

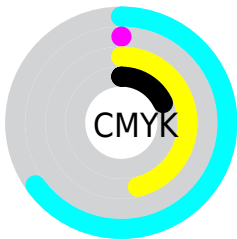
Distribution



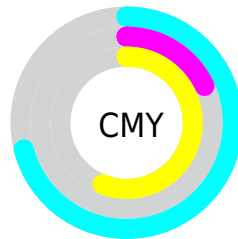
- Red (29%)
- Green (82%)
- Blue (44%)



- Red (29%)
- Yellow (70%)
- Blue (82%)



- Cyan (65%)
- Magenta (0%)
- Yellow (46%)
- Black (18%)



- Cyan (71%)
- Magenta (18%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AD170 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 4AD170 by changing the saturation by 10% instead.

 4AD170

 4AD170

FFFFFF

 23B557

 88FFA5

 00993E

 A6FFC1

 007E25

 C4FFDD

 00640A

 E2FFFA

 004B00

 003400

 001A00

 000000

 4AD170

 4AD170

 35D161

 5FD17F

 20D152

 74D18E

 0BD143

 89D19D

 00D13B

 9ED1AC

 B3D1BB

 C7D1CA

 DCD1D9

 F1D1E8

 FFD1F7

Harmonies

Analogous

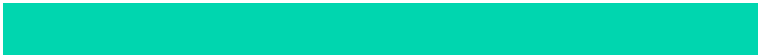
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A2C63E



4AD170



00D6AF

Triad

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



4AD170



00C2FF



FF8484

Complementary

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



4AD170



D14AAB

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.



FF7EC2



4AD170



ADABFF

Square

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



4AD170



00D0FF



FF90FF



FF9B4F

Rectangle

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



4AD170



00D7DB



FF90FF



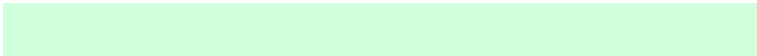
FF7F98

Sweetspot

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



4AD170



CFFFDC



ADD14A



62806A



000000



808080

Same Dimension

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



4AD170



38FF70



4AD1B2



5E6961



00A82F



00290B

Inverse Universe

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



D14AAB



FF38C7



D14A6A



695E66



A80079



29001D

Previews

White Background



This preview shows how the Hex color 4AD170 looks on a white background.

Color Contrast Check

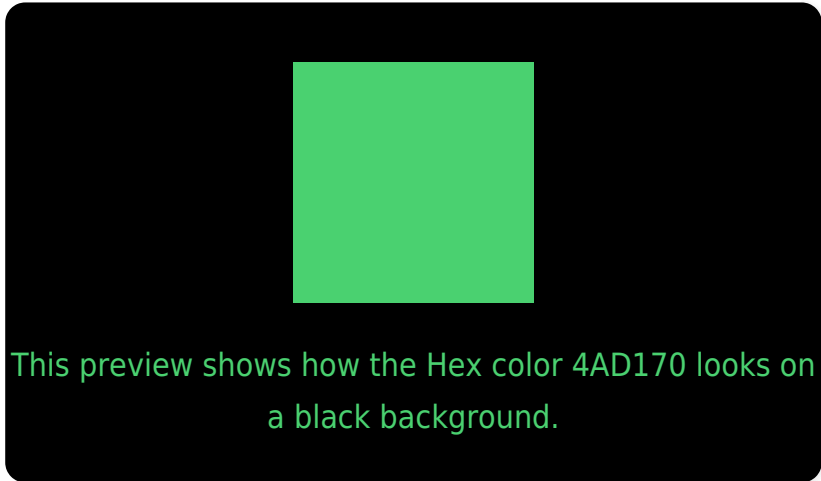
Large Text (above 18pt) WCAG AA × Fail

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 4AD170 Background



This preview shows how black text looks on a background with the Hex color 4AD170.

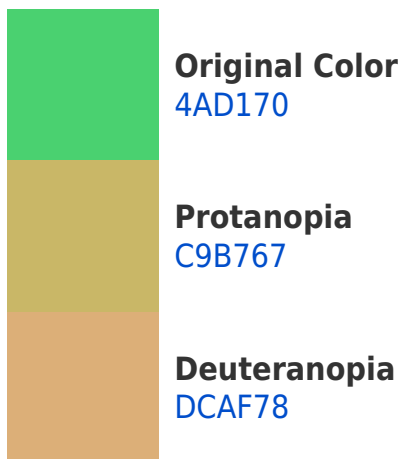


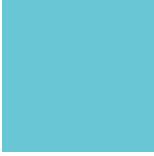
This preview shows how white text looks on a background with the Hex color 4AD170.

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
69C6D5

Trichromacy



Original Color
4AD170



Protanomaly
9BC06A



Deuteranomaly
A7BB75



Tritanomaly
5ECAB0

Monochromacy



Original Color
4AD170



Achromatopsia
9E9E9E



Achromatomaly
7FB18D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4AD170 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 #4AD170 looks like.

```
.text, #text, p{  
    color:#4AD170  
}
```

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 #4AD170 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AD170
}
```

Border

The CSS property to change the border of an element to Hex 4AD170 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
#4AD170 }
```

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

```
.border{ border-color:#4AD170 }
```

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

Here you see how a box with a 4 pixel #4AD170 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AD170; -webkit-box-shadow:4px 4px  
4px 4px #4AD170; box-shadow:4px 4px 4px  
4px #4AD170 }
```

Background

The CSS property to change the background color of an element to Hex 4AD170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AD170 }
```

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

```
.background{ background-color:#4AD170 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor