

Converting Colors

Hex(3AD850)

Have a look what the booklet for
Hex(3AD850) contains.

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Color

Hex(3AD850)

Conversions

Conversions Part 1

Format	Color
Hex	3AD850
RGB	58, 216, 80
RGB Percent	23%, 85%, 31%
CMY	0.7725, 0.1529, 0.6863
CMYK	0.73, 0.00, 0.63, 0.15
HSL	128°, 67%, 54%
HSV	128°, 73%, 85%
XYZ	27.7488, 50.5905, 15.8918
YIQ	153.2540, -50.5120, -75.7920

Conversions

Conversions Part 2

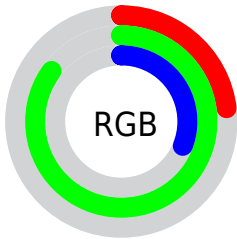
Format	Color
RYB	58, 197, 216
Decimal	3856464
CIELab	76.43, -66.71, 54.06
CIELCh	76, 85.866, 140.980
Yxy	50.5905, 0.2945, 0.5369
Android (android.graphics.Color)	4282046544 (0xFF3AD850)
YUV	153.2540, -36.1142, -83.5378
Hunter-Lab	71.1270, -54.8340, 36.5418

Details

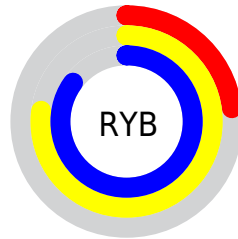
The Hex color **3AD850** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **D83AC2**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **7FFF86**, and **00A015** is the 20% darker color. If you saturate the color by 10%, you get **24D83D**, and if you desaturate by 10%, it is **50D863**.

Distribution



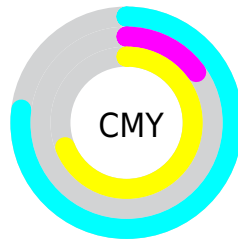
- Red (23%)
- Green (85%)
- Blue (31%)



- Red (23%)
- Yellow (77%)
- Blue (85%)



- Cyan (73%)
- Magenta (0%)
- Yellow (63%)
- Black (15%)



- Cyan (77%)
- Magenta (15%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AD850 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 3AD850 by changing the saturation by 10% instead.

 3AD850

 3AD850

FFFFFF

 00BB35

 7FFF86

 00A015

 9EFAA1

 008400

 BDFFBE

 006A00

 DCFFDA

 005000

 FBFFF7

 003800

 001F00

 000000

 3AD850

 3AD850

 24D83D

 50D863

 0FD82B

 65D875

 00D81E

 7BD888

 90D89A

 A6D8AD

 BCD8C0

 D1D8D2

 E7D8E5

 FCD8F7

Harmonies

Analogous

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



ACC900



3AD850



00DFA1

Triad

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



3AD850



00CDFE



FF6D89

Complementary

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



3AD850



D83AC2

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.



FF6BD8



3AD850



86B2FF

Square

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



3AD850



00DCFF



FF8CFF



FF8E3F

Rectangle

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



3AD850



00E1D9



FF8CFF



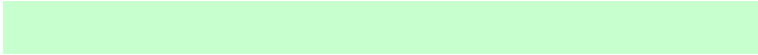
FF67A3

Sweetspot

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



3AD850



C7FFCF



C3D83A



5E8063



000000



808080

Same Dimension

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



3AD850



1FFF3E



3AD89E



606B62



00AB18



002B06

Inverse Universe

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



D83AC2



FF1FE0



D83A74



6B606A



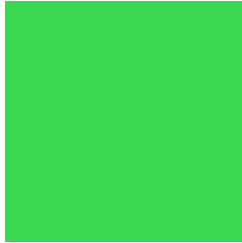
AB0093



2B0025

Previews

White Background



This preview shows how the Hex color 3AD850 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 3AD850 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 3AD850 Background



This preview shows how black text looks on a background with the Hex color 3AD850.

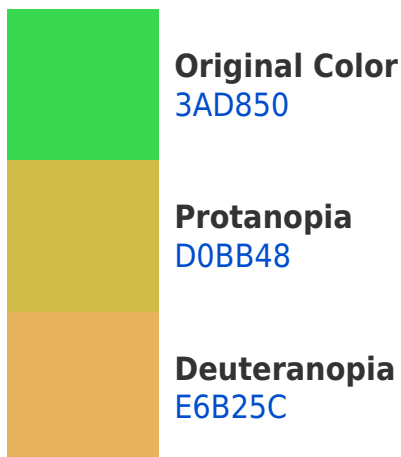


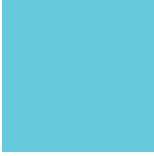
This preview shows how white text looks on a background with the Hex color 3AD850.

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
65CADB

Trichromacy



Original Color
3AD850



Protanomaly
99C64B



Deuteranomaly
A7C058



Tritanomaly
55CFA8

Monochromacy



Original Color
3AD850



Achromatopsia
999999



Achromatomaly
76B07E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3AD850 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 #3AD850 looks like.

```
.text, #text, p{  
    color:#3AD850  
}
```

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 #3AD850 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AD850
}
```

Border

The CSS property to change the border of an element to Hex 3AD850 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
#3AD850 }
```

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

```
.border{ border-color:#3AD850 }
```

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

Here you see how a box with a 4 pixel #3AD850 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AD850; -webkit-box-shadow:4px 4px  
4px 4px #3AD850; box-shadow:4px 4px 4px  
4px #3AD850 }
```

Background

The CSS property to change the background color of an element to Hex 3AD850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AD850 }
```

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

```
.background{ background-color:#3AD850 }
```

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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