

Converting Colors

Hex(ABD853)

Have a look what the booklet for
Hex(ABD853) contains.

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Color

Hex(ABD853)

Conversions

Conversions Part 1

Format	Color
Hex	ABD853
RGB	171, 216, 83
RGB Percent	67%, 85%, 33%
CMY	0.3294, 0.1529, 0.6745
CMYK	0.21, 0.00, 0.62, 0.15
HSL	80°, 63%, 59%
HSV	80°, 62%, 85%
XYZ	42.9118, 58.3942, 17.1931
YIQ	187.3830, 15.8730, -50.9030

Conversions

Conversions Part 2

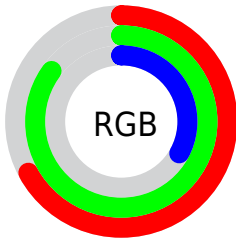
Format	Color
RYB	83, 216, 128
Decimal	11262035
CIELab	80.96, -34.35, 59.07
CIELCh	81, 68.327, 120.177
Yxy	58.3942, 0.3621, 0.4928
Android (android.graphics.Color)	4289452115 (0xFFABD853)
YUV	187.3830, -51.4608, -14.3679
Hunter-Lab	76.4161, -33.4907, 40.1514

Details

The Hex color **ABD853** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **8053D8**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **E5FF89**, and **73A118** is the 20% darker color. If you saturate the color by 10%, you get **A4D83D**, and if you desaturate by 10%, it is **B2D869**.

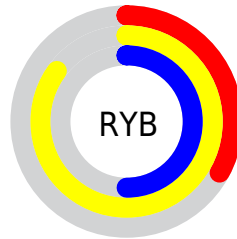
Distribution



Red (67%)

Green (85%)

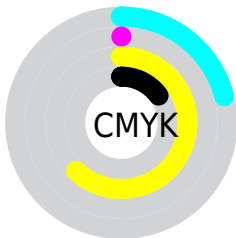
Blue (33%)



Red (33%)

Yellow (85%)

Blue (50%)

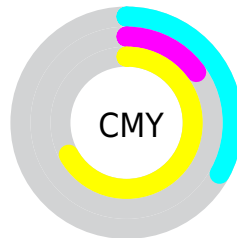


Cyan (21%)

Magenta (0%)

Yellow (62%)

Black (15%)



Cyan (33%)

Magenta (15%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color ABD853 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 ABD853 by changing the saturation by 10% instead.

 ABD853

 ABD853

FFFFFF

 8FBC37

 E5FF89

 73A118


 FFFFA5

 588700

 FFFFC1

 3D6D00

 FFFFDE

 215400

 FFFFFB

 003D00

 002700

 000700

 000000

 ABD853

 ABD853

 A4D83D

 B2D869

 9CD828

 BAD87E

 95D812

 C1D894

 8FD800

 C8D8A9

 D0D8BF

 D7D8D5

 DED8EA

 E5D8FF

 EDD8FF

Harmonies

Analogous

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



EBC640



ABD853



4FE386

Triad

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



ABD853



00E0FF



FF8FCB

Complementary

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



ABD853



8053D8

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.



FF9EFF



ABD853



24D0FF

Square

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



ABD853



00E7FF



CBB8FF



FF978C

Rectangle

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



ABD853



00E7B1



CBB8FF



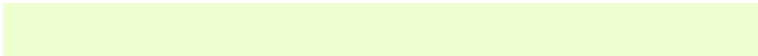
FF92E1

Sweetspot

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



ABD853



EFFFD1



D87F53



768063



000000



808080

Same Dimension

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



ABD853



BFFF42



69D853



676B60



71AB00



1D2B00

Inverse Universe

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



8053D8



8242FF



C253D8



64606B



3A00AB



0F002B

Previews

White Background



This preview shows how the Hex color ABD853 looks on a white background.

Color Contrast Check

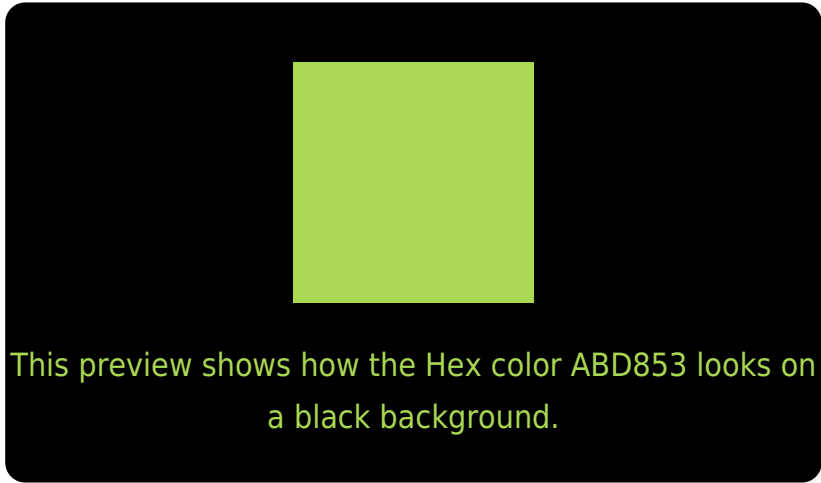
Large Text (above 18pt) WCAG AA × Fail

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 ABD853 Background



This preview shows how black text looks on a background with the Hex color ABD853.

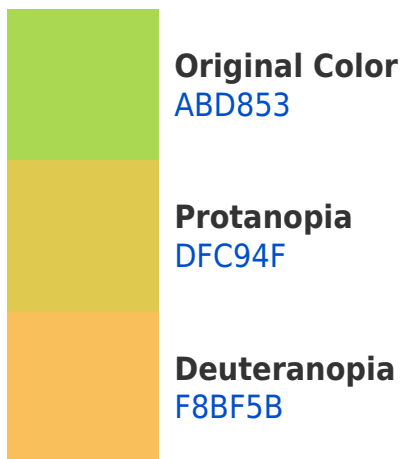


This preview shows how white text looks on a background with the Hex color ABD853.

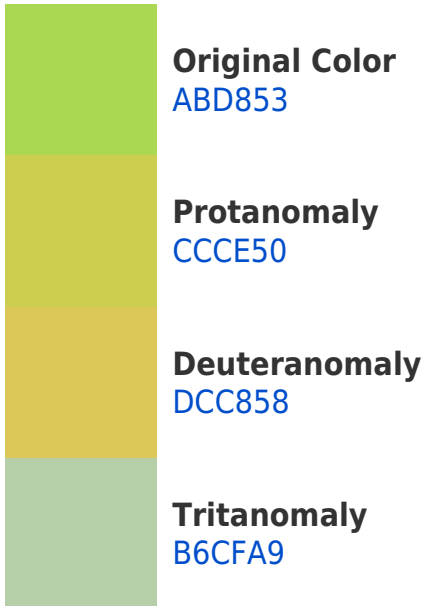
Color Blindness Simulation

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](#).

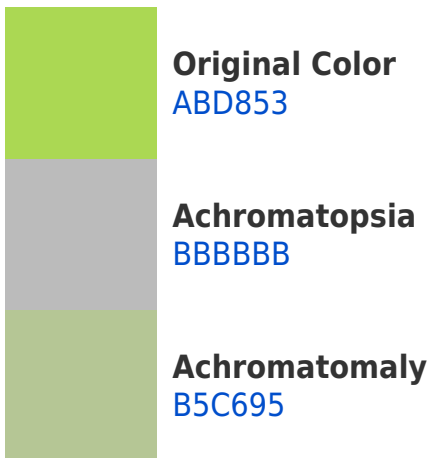
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ABD853 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 #ABD853 looks like.

```
.text, #text, p{  
    color:#ABD853  
}
```

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 #ABD853 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABD853
}
```

Border

The CSS property to change the border of an element to Hex ABD853 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
#ABD853 }
```

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

```
.border{ border-color:#ABD853 }
```

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

Here you see how a box with a 4 pixel #ABD853 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABD853; -webkit-box-shadow:4px 4px  
4px 4px #ABD853; box-shadow:4px 4px 4px  
4px #ABD853 }
```

Background

The CSS property to change the background color of an element to Hex ABD853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABD853 }
```

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

```
.background{ background-color:#ABD853 }
```

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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