

# Converting Colors

Hex(A2D852)

Have a look what the booklet for  
Hex(A2D852) contains.

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# **Color**

**Hex(A2D852)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2D852
RGB	162, 216, 82
RGB Percent	64%, 85%, 32%
CMY	0.3647, 0.1529, 0.6784
CMYK	0.25, 0.00, 0.62, 0.15
HSL	84°, 63%, 58%
HSV	84°, 62%, 85%
XYZ	40.9791, 57.4023, 16.9026
YIQ	184.5780, 10.8300, -53.1220

# Conversions

## Conversions Part 2

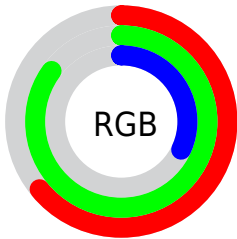
Format	Color
<a href="#">RYB</a>	<a href="#">82, 216, 136</a>
Decimal	<a href="#">10672210</a>
CIELab	<a href="#">80.41, -37.81, 58.73</a>
CIELCh	<a href="#">80, 69.848, 122.776</a>
Yxy	<a href="#">57.4023, 0.3555, 0.4979</a>
Android (android.graphics.Color)	<a href="#">4288862290 (0xFFA2D852)</a>
YUV	<a href="#">184.5780, -50.5710, -19.8009</a>
Hunter-Lab	<a href="#">75.7643, -36.0411, 39.8078</a>

# Details

The Hex color **A2D852** 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 **8852D8**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **DCFF88**, and **6AA116** is the 20% darker color. If you saturate the color by 10%, you get **99D83C**, and if you desaturate by 10%, it is **ABD868**.

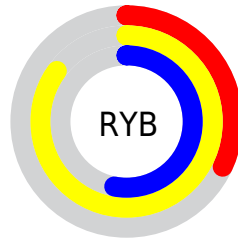
# Distribution



Red (64%)

Green (85%)

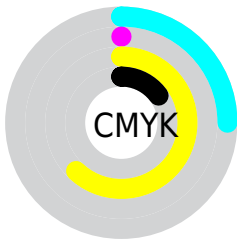
Blue (32%)



Red (32%)

Yellow (85%)

Blue (53%)

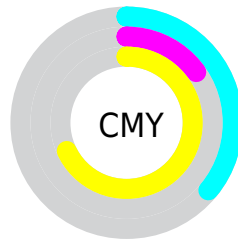


Cyan (25%)

Magenta (0%)

Yellow (62%)

Black (15%)



Cyan (36%)

Magenta (15%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2D852 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 A2D852 by changing the saturation by 10% instead.



 A2D852

 A2D852

FFFFFF

 86BC36

 DCFF88

 6AA116

 F9FFA4

 4F8600

 FFFFC0

 336D00

 FFFFDD

 145400

 FFFFFA

 003C00

 002700

 000300


 000000

 A2D852

 A2D852

 99D83C

 ABD868

 91D827

 B3D87D

 88D811

 BCD893

 81D800

 C5D8A8

 CED8BE

 D6D8D4

 DFD8E9

 E8D8FF

 F0D8FF

# Harmonies

## Analogous

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



E5C63A



A2D852



39E389

# Triad

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



A2D852



00DEFF



FF8BC4

# Complementary

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



A2D852



8852D8

# 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.



FF99FF



A2D852



36CDFF

# Square

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



A2D852



00E6FF



D2B4FF



FF9684

# Rectangle

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



A2D852



00E6B5



D2B4FF



FF8DDA

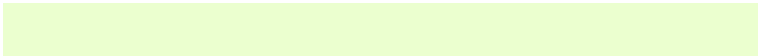


# Sweetspot

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



A2D852



EBFFCF



D88852



748062



000000



808080



# Same Dimension

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



A2D852



B3FF42



5FD852



676B60



66AB00



1A2B00



# Inverse Universe

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



8852D8



8E42FF



CB52D8



65606B



4500AB



11002B



# Previews

## White Background



This preview shows how the Hex color A2D852 looks on a white background.

## Color Contrast Check

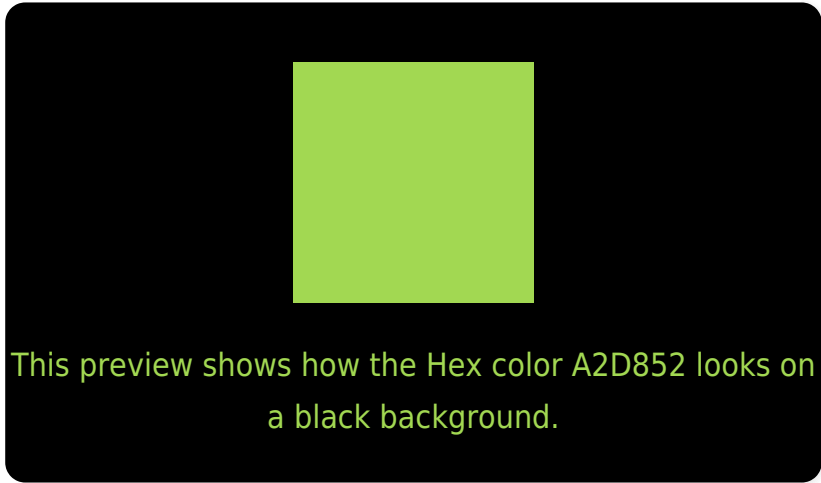
Large Text (above 18pt) WCAG AA × Fail

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 A2D852 Background



This preview shows how black text looks on a background with the Hex color A2D852.

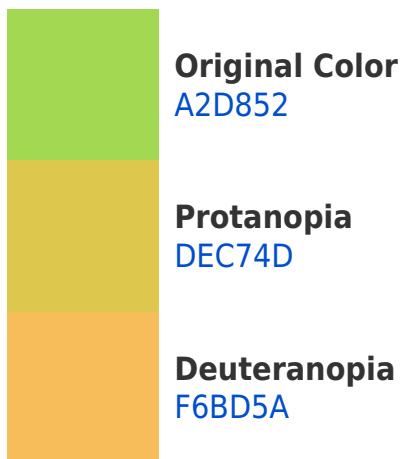


This preview shows how white text looks on a background with the Hex color A2D852.

# Color Blindness Simulation

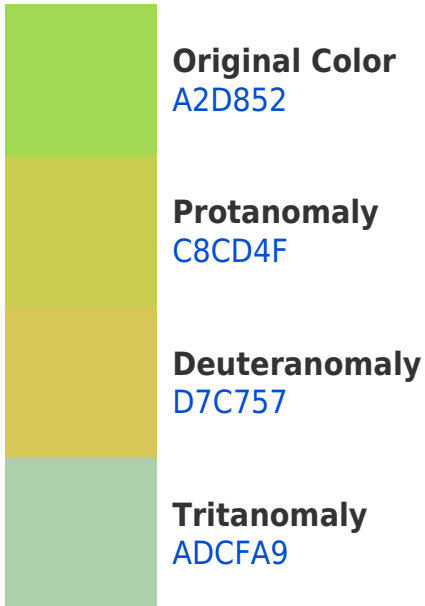
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

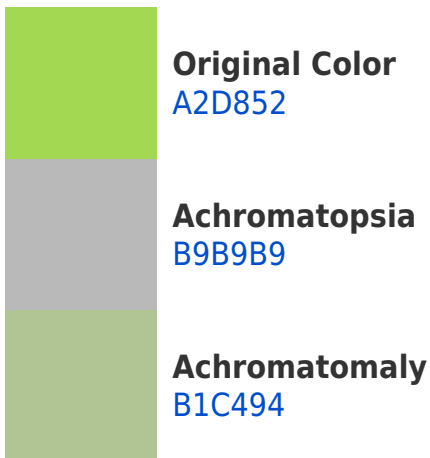




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2D852 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 #A2D852 looks like.

```
.text, #text, p{  
    color:#A2D852  
}
```

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 #A2D852 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2D852
}
```

## Border

The CSS property to change the border of an element to Hex A2D852 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
#A2D852 }
```

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

```
.border{ border-color:#A2D852 }
```

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

Here you see how a box with a 4 pixel #A2D852 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2D852; -webkit-box-shadow:4px 4px  
4px 4px #A2D852; box-shadow:4px 4px 4px  
4px #A2D852 }
```

# Background

The CSS property to change the background color of an element to Hex A2D852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2D852 }
```

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

```
.background{ background-color:#A2D852 }
```

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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