

# Converting Colors

Hex(ADF83A)

Have a look what the booklet for  
Hex(ADF83A) contains.

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# Color

**Hex(ADF83A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ADF83A
RGB	173, 248, 58
RGB Percent	68%, 97%, 23%
CMY	0.3216, 0.0275, 0.7725
CMYK	0.30, 0.00, 0.77, 0.03
HSL	84°, 93%, 60%
HSV	84°, 77%, 97%
XYZ	51.5647, 76.3245, 16.0174
YIQ	203.9150, 16.2900, -74.9900

# Conversions

## Conversions Part 2

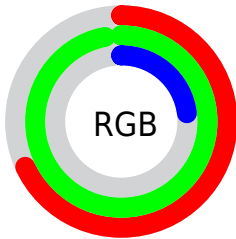
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 248, 133
Decimal	11401274
CIELab	90.01, -49.14, 77.20
CIELCh	90, 91.513, 122.481
Yxy	76.3245, 0.3583, 0.5304
Android (android.graphics.Color)	4289591354 (0xFFADF83A)
YUV	203.9150, -71.9361, -27.1125
Hunter-Lab	87.3639, -47.5310, 50.2845

# Details

The Hex color **ADF83A** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **853AF8**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **E9FF77**, and **72BF00** is the 20% darker color. If you saturate the color by 10%, you get **A3F821**, and if you desaturate by 10%, it is **B7F853**.

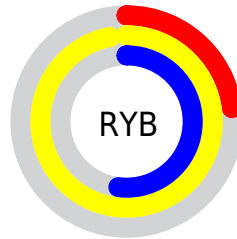
# Distribution



Red (68%)

Green (97%)

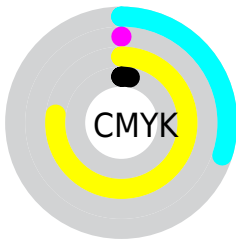
Blue (23%)



Red (23%)

Yellow (97%)

Blue (52%)

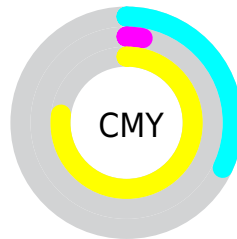


Cyan (30%)

Magenta (0%)

Yellow (77%)

Black (3%)



Cyan (32%)

Magenta (3%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ADF83A 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 ADF83A by changing the saturation by 10% instead.



 ADF83A

 ADF83A

FFFFFF

 90DB0D

 E9FF77

 72BF00

 FFFF94

 54A400

 FFFFB1

 348900

 FFFFCE

 076F00

 FFFFEC

 005600

 003D00

 002800

 000000

 ADF83A

 ADF83A

 A3F821

 B7F853

 99F808

 C1F86C

 96F800

 CAF884

 D4F89D

 DEF8B6

 E8F8CF

 F2F8E8

 FBF8FF

 FFF8FF

# Harmonies

## Analogous

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



FFE100



ADF83A



00FF8D

# Triad

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



ADF83A



00FFFF



FF89DF

# Complementary

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



ADF83A



853AF8

# 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.



FF9FFF



ADF83A



00EBFF

# Square

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



ADF83A



00FFFF



EBC8FF



FF9A89

# Rectangle

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



ADF83A



00FFC9



EBC8FF



FF8CFC



# Sweetspot

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



ADF83A



E8FFC4



F8833A



71805C



000000



808080



# Same Dimension

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



ADF83A



A2FF14



50F83A



787D70



72BD00



253D00



# Inverse Universe

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



853AF8



7114FF



E23AF8



75707D



4A00BD

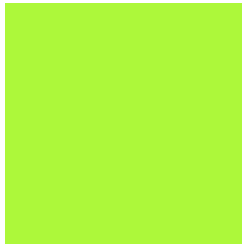


18003D



# Previews

## White Background



This preview shows how the Hex color ADF83A looks on a white background.

## Color Contrast Check

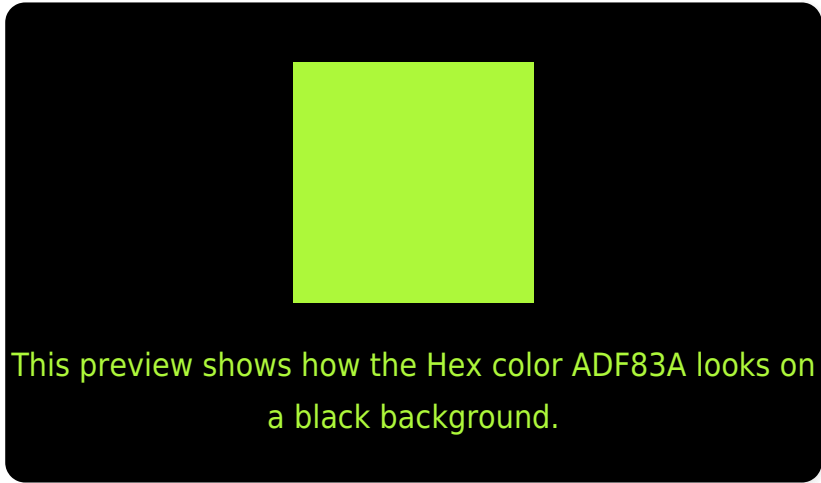
Large Text (above 18pt) WCAG AA × Fail

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 ADF83A Background



This preview shows how black text looks on a background with the Hex color ADF83A.

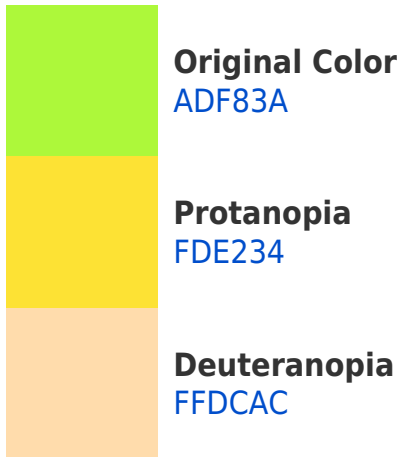


This preview shows how white text looks on a background with the Hex color ADF83A.

# 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](#).

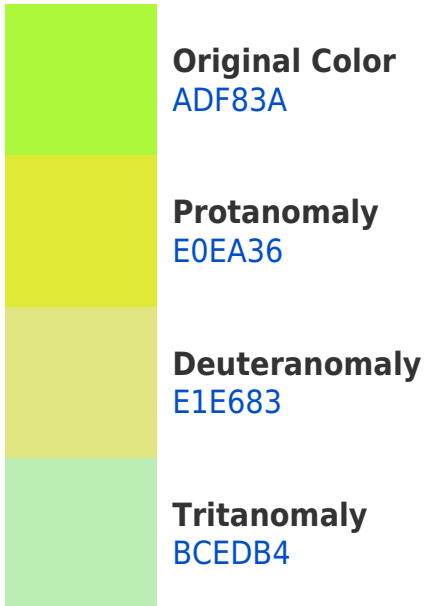
## Dichromacy



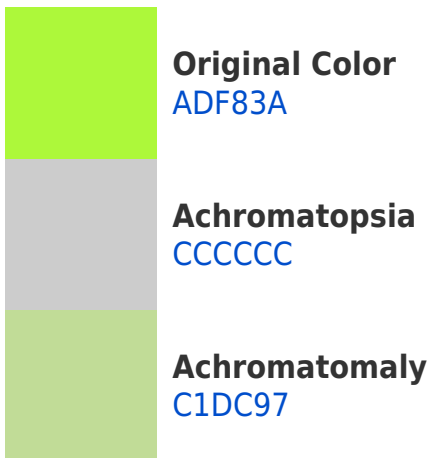


**Tritanopia**  
C4E7FA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ADF83A 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 #ADF83A looks like.

```
.text, #text, p{  
    color:#ADF83A  
}
```

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 #ADF83A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ADF83A
}
```

## Border

The CSS property to change the border of an element to Hex ADF83A 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
#ADF83A }
```

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

```
.border{ border-color:#ADF83A }
```

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

Here you see how a box with a 4 pixel #ADF83A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ADF83A; -webkit-box-shadow:4px 4px  
4px 4px #ADF83A; box-shadow:4px 4px 4px  
4px #ADF83A }
```

# Background

The CSS property to change the background color of an element to Hex ADF83A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ADF83A }
```

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

```
.background{ background-color:#ADF83A }
```

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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