

Converting Colors

Hex(8AD83D)

Have a look what the booklet for
Hex(8AD83D) contains.

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Color

Hex(8AD83D)

Conversions

Conversions Part 1

Format	Color
Hex	8AD83D
RGB	138, 216, 61
RGB Percent	54%, 85%, 24%
CMY	0.4588, 0.1529, 0.7608
CMYK	0.36, 0.00, 0.72, 0.15
HSL	90°, 67%, 54%
HSV	90°, 72%, 85%
XYZ	35.8794, 54.8519, 13.1113
YIQ	175.0080, 3.2670, -64.7410

Conversions

Conversions Part 2

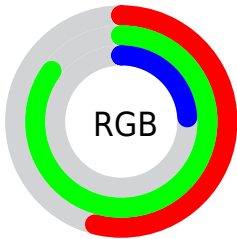
Format	Color
RYB	61, 216, 139
Decimal	9099325
CIELab	78.96, -47.93, 64.95
CIElCh	79, 80.726, 126.426
Yxy	54.8519, 0.3455, 0.5282
Android (android.graphics.Color)	4287289405 (0xFF8AD83D)
YUV	175.0080, -56.2059, -32.4560
Hunter-Lab	74.0621, -43.1343, 41.3473

Details

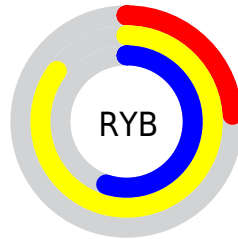
The Hex color **8AD83D** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **8B3DD8**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **C4FF76**, and **50A100** is the 20% darker color. If you saturate the color by 10%, you get **7FD827**, and if you desaturate by 10%, it is **95D853**.

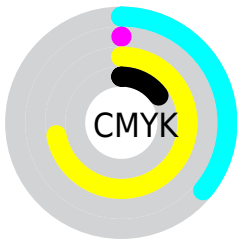
Distribution



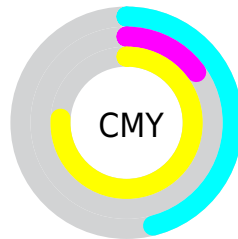
- Red (54%)
- Green (85%)
- Blue (24%)



- Red (24%)
- Yellow (85%)
- Blue (55%)



- Cyan (36%)
- Magenta (0%)
- Yellow (72%)
- Black (15%)



- Cyan (46%)
- Magenta (15%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AD83D 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 8AD83D by changing the saturation by 10% instead.

 8AD83D

 8AD83D

FFFFFF

 6DBC1C

 C4FF76

 50A100

 E2FF92

 318600

 FFFFAE

 076C00

 FFFFCA

 005300

 FFFFEE

 003B00

 002500

 000000

 8AD83D

 8AD83D

 7FD827

 95D853

 74D812

 A0D868

 6BD800

 ABD87E

 B5D893

 C0D8A9

 CBD8BF

 D6D8D4

 E1D8EA

 ECD8FF

Harmonies

Analogous

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



D9C500



8AD83D



00E284

Triad

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



8AD83D



00DBFF



FF77B6

Complementary

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



8AD83D



8B3DD8

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.



FF86FF



8AD83D



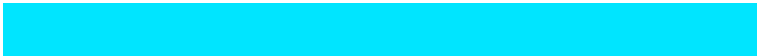
00C7FF

Square

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



8AD83D



00E5FF



DAA8FF



FF896E

Rectangle

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



8AD83D



00E6B8



DAA8FF



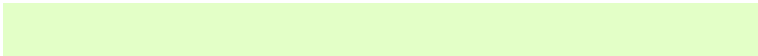
FF79D0

Sweetspot

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



8AD83D



E3FFC7



D88B3D



6F805E



000000



808080

Same Dimension

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



8AD83D



91FF24



3DD83D



666B60



55AB00



162B00

Inverse Universe

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



8B3DD8



9224FF



D83DD8



66606B



5600AB



16002B

Previews

White Background



This preview shows how the Hex color 8AD83D looks on a white background.

Color Contrast Check

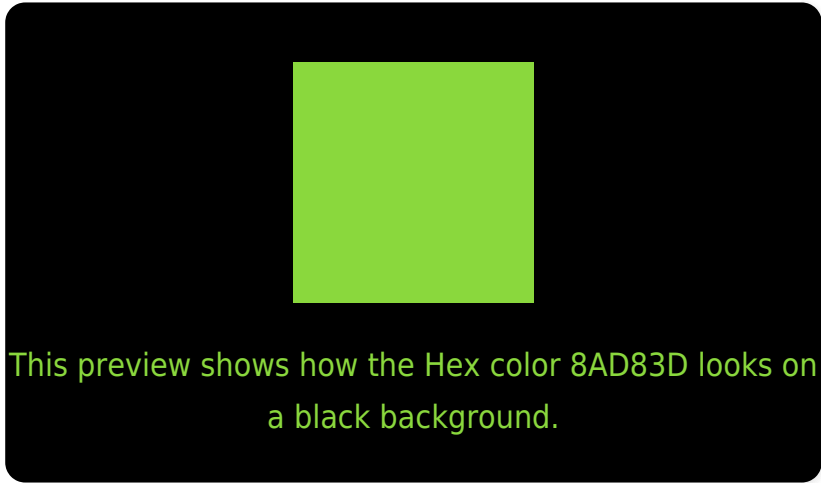
Large Text (above 18pt) WCAG AA × Fail

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 8AD83D Background



This preview shows how black text looks on a background with the Hex color 8AD83D.

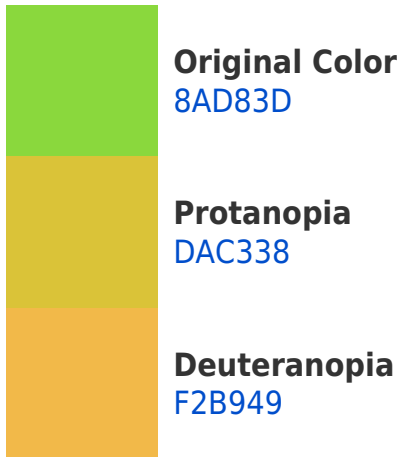


This preview shows how white text looks on a background with the Hex color 8AD83D.

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



Original Color
8AD83D



Protanomaly
BDCB3A



Deuteranomaly
CCC445



Tritanomaly
98CFA1

Monochromacy



Original Color
8AD83D



Achromatopsia
AFAFAF



Achromatomaly
A2BE86

CSS Examples

Text

The CSS property to change the color of the text to Hex 8AD83D 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 #8AD83D looks like.

```
.text, #text, p{  
    color:#8AD83D  
}
```

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 #8AD83D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AD83D
}
```

Border

The CSS property to change the border of an element to Hex 8AD83D 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
#8AD83D }
```

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

```
.border{ border-color:#8AD83D }
```

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

Here you see how a box with a 4 pixel #8AD83D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AD83D; -webkit-box-shadow:4px 4px  
4px 4px #8AD83D; box-shadow:4px 4px 4px  
4px #8AD83D }
```

Background

The CSS property to change the background color of an element to Hex 8AD83D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AD83D }
```

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

```
.background{ background-color:#8AD83D }
```

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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