

# Converting Colors

Hex(A8C83E)

Have a look what the booklet for  
Hex(A8C83E) contains.

<b>Hex(A8C83E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(A8C83E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8C83E
RGB	168, 200, 62
RGB Percent	66%, 78%, 24%
CMY	0.3412, 0.2157, 0.7569
CMYK	0.16, 0.00, 0.69, 0.22
HSL	74°, 56%, 51%
HSV	74°, 69%, 78%
XYZ	37.6722, 49.9812, 12.2192
YIQ	174.7000, 25.2260, -49.7020

# Conversions

## Conversions Part 2

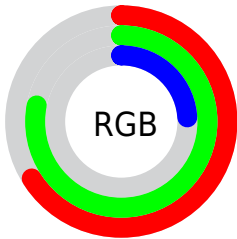
Format	Color
<a href="#">RYB</a>	<a href="#">62, 200, 94</a>
Decimal	<a href="#">11061310</a>
CIELab	<a href="#">76.06, -29.52, 62.25</a>
CIELCh	<a href="#">76, 68.895, 115.371</a>
Yxy	<a href="#">49.9812, 0.3772, 0.5004</a>
Android (android.graphics.Color)	<a href="#">4289251390 (0xFFA8C83E)</a>
YUV	<a href="#">174.7000, -55.5611, -5.8759</a>
Hunter-Lab	<a href="#">70.6974, -28.6038, 39.2406</a>

# Details

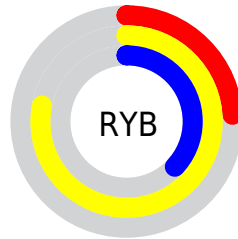
The Hex color **A8C83E** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **5E3EC8**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **E2FF75**, and **709200** is the 20% darker color. If you saturate the color by 10%, you get **A3C82A**, and if you desaturate by 10%, it is **ADC852**.

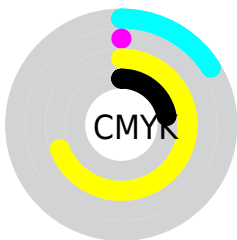
# Distribution



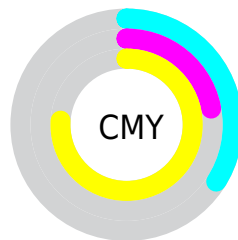
- Red (66%)
- Green (78%)
- Blue (24%)



- Red (24%)
- Yellow (78%)
- Blue (37%)



- Cyan (16%)
- Magenta (0%)
- Yellow (69%)
- Black (22%)



- Cyan (34%)
- Magenta (22%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8C83E 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 A8C83E by changing the saturation by 10% instead.



 A8C83E

 A8C83E

FFFFFF

 8CAD1F

 E2FF75

 709200

 FFFF91

 557800

 FFFFAD

 3B5F00

 FFFF91

 1E4700

 FFFF91

 003100

 001D00

 000000

 A8C83E

 A8C83E

 A3C82A

 ADC852

 9FC816

 B1C866

 9AC802

 B6C87A

 9AC800

 BBC88E

 BFC8A2

 C4C8B6

 C8C8CA

 CDC8DE

 D2C8F2

# Harmonies

## Analogous

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



E5B531



A8C83E



52D470

# Triad

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



A8C83E



00D4FF



FF81C8

# Complementary

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



A8C83E



5E3EC8

# 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.



FF94FF



A8C83E



00C6FF

# Square

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



A8C83E



00DAF0



ABAFFF



FF8689

# Rectangle

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



A8C83E



00D899



ABAFFF



FF85DD



# Sweetspot

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



A8C83E



F3FFC9



C85C3E



788060



000000



808080



# Same Dimension

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



A8C83E



CEFF2B



65C83E



61635A



7DA300



1B2400



# Inverse Universe

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



5E3EC8



5C2BFF



A13EC8



5C5A63



2600A3



080024



# Previews

## White Background



This preview shows how the Hex color A8C83E looks on a white background.

## Color Contrast Check

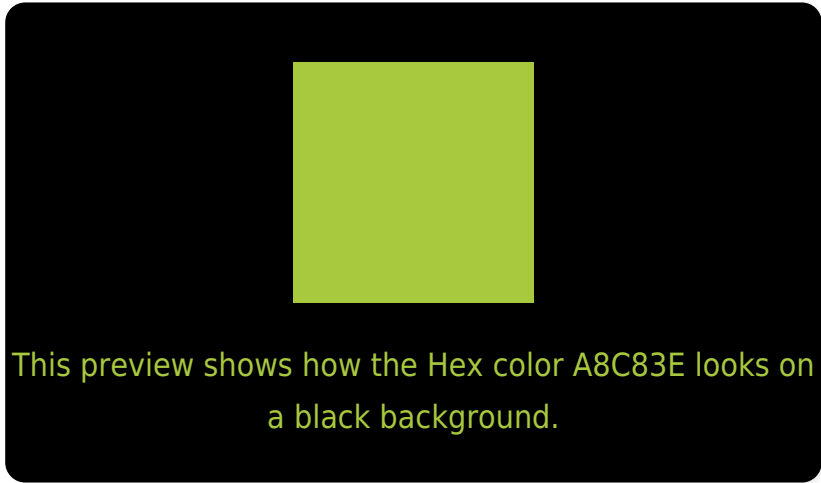
Large Text (above 18pt) WCAG AA × Fail

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 A8C83E Background



This preview shows how black text looks on a background with the Hex color A8C83E.

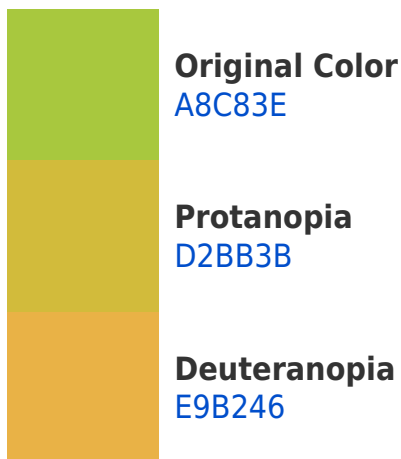


This preview shows how white text looks on a background with the Hex color A8C83E.

# Color Blindness Simulation

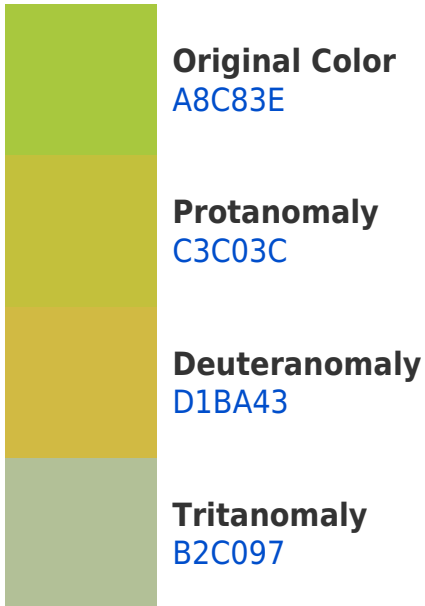
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

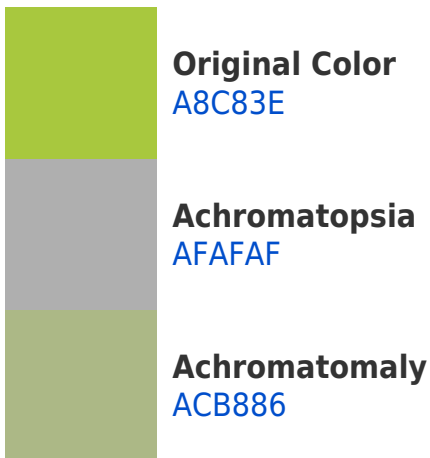




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8C83E 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 #A8C83E looks like.

```
.text, #text, p{  
    color:#A8C83E  
}
```

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 #A8C83E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8C83E
}
```

## Border

The CSS property to change the border of an element to Hex A8C83E 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
#A8C83E }
```

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

```
.border{ border-color:#A8C83E }
```

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

Here you see how a box with a 4 pixel #A8C83E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8C83E; -webkit-box-shadow:4px 4px  
4px 4px #A8C83E; box-shadow:4px 4px 4px  
4px #A8C83E }
```

# Background

The CSS property to change the background color of an element to Hex A8C83E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8C83E }
```

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

```
.background{ background-color:#A8C83E }
```

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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