

# Converting Colors

Hex(5ADA6E)

Have a look what the booklet for  
Hex(5ADA6E) contains.

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# Color

Hex(5ADA6E)

# Conversions

## Conversions Part 1

Format	Color
Hex	5ADA6E
RGB	90, 218, 110
RGB Percent	35%, 85%, 43%
CMY	0.6471, 0.1451, 0.5686
CMYK	0.59, 0.00, 0.50, 0.15
HSL	129°, 63%, 60%
HSV	129°, 59%, 85%
XYZ	32.1023, 53.4423, 23.3753
YIQ	167.4160, -41.6200, -60.7240

# Conversions

## Conversions Part 2

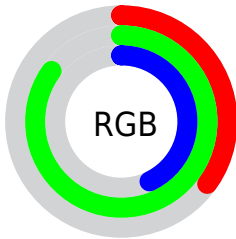
Format	Color
<a href="#">RYB</a>	<a href="#">90, 201, 218</a>
Decimal	<a href="#">5954158</a>
CIELab	<a href="#">78.14, -57.55, 42.55</a>
CIElCh	<a href="#">78, 71.570, 143.524</a>
Yxy	<a href="#">53.4423, 0.2947, 0.4907</a>
Android (android.graphics.Color)	<a href="#">4284144238 (0xFF5ADA6E)</a>
YUV	<a href="#">167.4160, -28.3061, -67.8938</a>
Hunter-Lab	<a href="#">73.1042, -49.5475, 32.2148</a>

# Details

The Hex color **5ADA6E** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **DA5AC6**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **96FFA3**, and **00A23B** is the 20% darker color. If you saturate the color by 10%, you get **44DA5C**, and if you desaturate by 10%, it is **70DA80**.

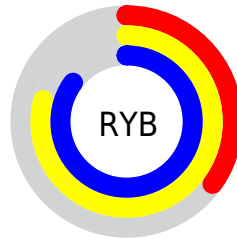
# Distribution



Red (35%)

Green (85%)

Blue (43%)



Red (35%)

Yellow (79%)

Blue (85%)

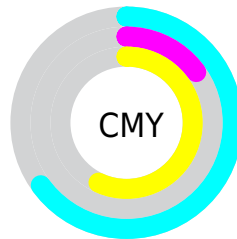


Cyan (59%)

Magenta (0%)

Yellow (50%)

Black (15%)



Cyan (65%)

Magenta (15%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5ADA6E 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 5ADA6E by changing the saturation by 10% instead.



 5ADA6E

 5ADA6E

FFFFFF

 38BE54

 96FFA3

 00A23B

 B4FFBF

 008721

 D2FFDB

 006C01

 F0FFF8

 005300

 003A00

 002300

 000000

 5ADA6E

 5ADA6E

 44DA5C

 70DA80

 2EDA49

 86DA93

 19DA37

 9BDAA5

 03DA24

 B1DAB8

 00DA22

 C7DACA

 DDDADC

 F3DAEF

 FFDAFF

# Harmonies

## Analogous

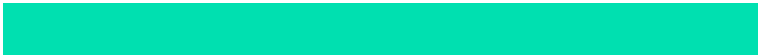
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B1CD3B



5ADA6E



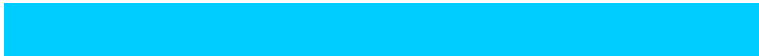
00E0B0

# Triad

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



5ADA6E



00CDFE



FF8890

# Complementary

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



5ADA6E



DA5AC6

# 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.



FF84D3



5ADA6E



A8B6FF

# Square

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



5ADA6E



00DBFF



FF99FF



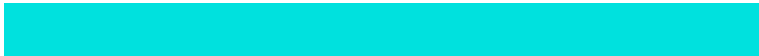
FF9F57

# Rectangle

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



5ADA6E



00E1DE



FF99FF



FF83A6

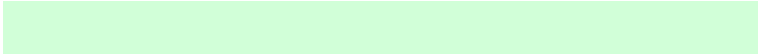


# Sweetspot

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



5ADA6E



D1FFD8



C7DA5A



638068



000000



808080



# Same Dimension

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



5ADA6E



4DFF68



5ADAAD



636E64



00AD1B



002E07



# Inverse Universe

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



DA5AC6



FF4DE3



DA5A87



6E636C



AD0092

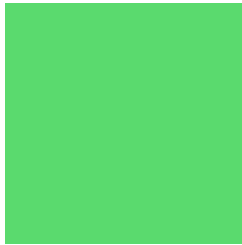


2E0027



# Previews

## White Background



This preview shows how the Hex color 5ADA6E looks on a white background.

## Color Contrast Check

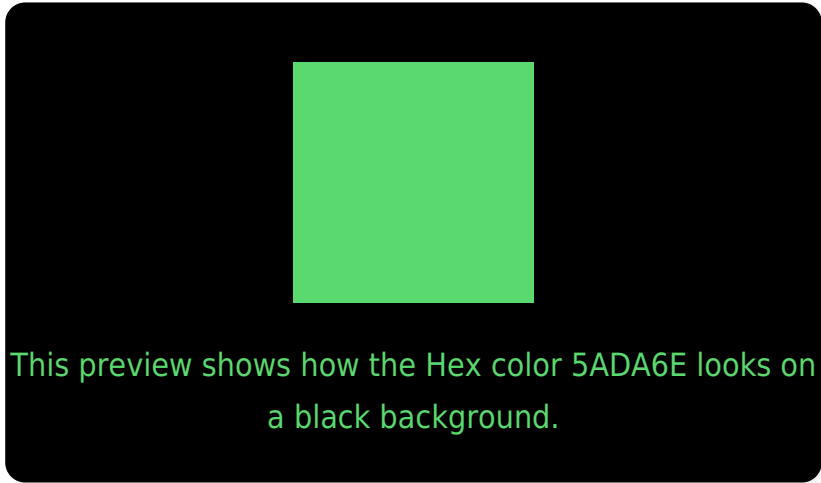
Large Text (above 18pt) WCAG AA × Fail

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

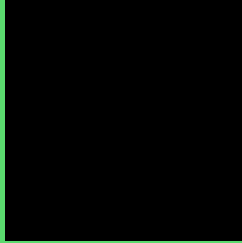
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5ADA6E Background



This preview shows how black text looks on a background with the Hex color 5ADA6E.

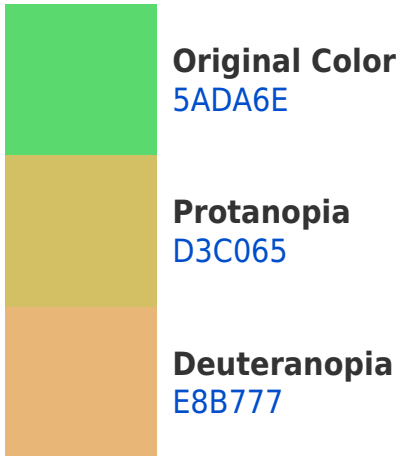


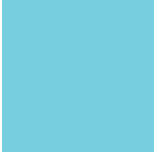
This preview shows how white text looks on a background with the Hex color 5ADA6E.

# 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**  
77CEDE

# Trichromacy



**Original Color**  
5ADA6E



**Protanomaly**  
A7C968



**Deuteranomaly**  
B4C474



**Tritanomaly**  
6CD2B5

# Monochromacy



**Original Color**  
5ADA6E



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
8BBA92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5ADA6E 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 #5ADA6E looks like.

```
.text, #text, p{  
    color:#5ADA6E  
}
```

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 #5ADA6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ADA6E
}
```

## Border

The CSS property to change the border of an element to Hex 5ADA6E 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
#5ADA6E }
```

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

```
.border{ border-color:#5ADA6E }
```

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

Here you see how a box with a 4 pixel #5ADA6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ADA6E; -webkit-box-shadow:4px 4px  
4px 4px #5ADA6E; box-shadow:4px 4px 4px  
4px #5ADA6E }
```

# Background

The CSS property to change the background color of an element to Hex 5ADA6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ADA6E }
```

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

```
.background{ background-color:#5ADA6E }
```

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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