

# Converting Colors

Hex(5EAD6A)

Have a look what the booklet for  
Hex(5EAD6A) contains.

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# Color

Hex(5EAD6A)

# Conversions

## Conversions Part 1

Format	Color
Hex	5EAD6A
RGB	94, 173, 106
RGB Percent	37%, 68%, 42%
CMY	0.6314, 0.3216, 0.5843
CMYK	0.46, 0.00, 0.39, 0.32
HSL	129°, 33%, 52%
HSV	129°, 46%, 68%
XYZ	22.1612, 33.3074, 18.8966
YIQ	141.7410, -25.5770, -37.5850

# Conversions

## Conversions Part 2

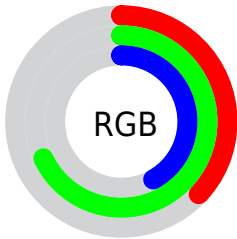
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 163, 173
Decimal	6204778
CIELab	64.41, -38.85, 27.08
CIELCh	64, 47.353, 145.123
Yxy	33.3074, 0.2980, 0.4479
Android (android.graphics.Color)	4284394858 (0xFF5EAD6A)
YUV	141.7410, -17.6203, -41.8689
Hunter-Lab	57.7126, -32.4544, 20.9857

# Details

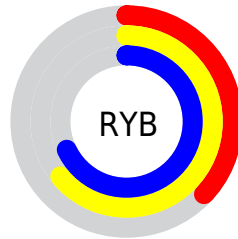
The Hex color **5EAD6A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AD5EA1**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **94E59E**, and **26783A** is the 20% darker color. If you saturate the color by 10%, you get **4DAD5B**, and if you desaturate by 10%, it is **6FAD79**.

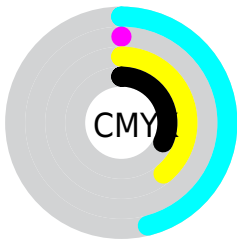
# Distribution



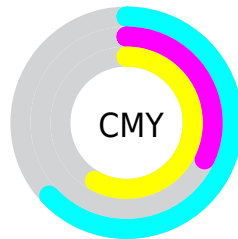
- Red (37%)
- Green (68%)
- Blue (42%)



- Red (37%)
- Yellow (64%)
- Blue (68%)



- Cyan (46%)
- Magenta (0%)
- Yellow (39%)
- Black (32%)



- Cyan (63%)
- Magenta (32%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EAD6A 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 5EAD6A by changing the saturation by 10% instead.



 5EAD6A

 5EAD6A

FFFFFF

 439251

 94E59E

 26783A

 B0FFB9

 005F23

 CDFFD5

 00460C

 EAFFF1

 002F00

 001800

 000000

 5EAD6A

 5EAD6A

 4DAD5B

 6FAD79

 3BAD4D

 81AD87

 2AAD3E

 92AD96

 19AD2F

 A3ADA5

 07AD21

 B5ADB3

 00AD1A

 C6ADC2

 D7ADD1

 E8ADDF

 FAADEE

# Harmonies

## Analogous

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



92A44C



5EAD6A



00B194

# Triad

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



5EAD6A



3BA3F0



EB7B7B

# Complementary

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



5EAD6A



AD5EA1

# 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.



E779A5



5EAD6A



9494E9

# Square

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



5EAD6A



00ADE1



CA83CD



DB8858

# Rectangle

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



5EAD6A



00B2B1



CA83CD



EC7988



# Sweetspot

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



5EAD6A



C1E0C6



A1AD5E



5D7060



F0F0F0



707070



# Same Dimension

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



5EAD6A



65E078



5EAD91



4E574F



009617



001703



# Inverse Universe

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



AD5EA1



E065CE



AD5E7A



574E55



960080



170013



# Previews

## White Background



This preview shows how the Hex color 5EAD6A looks on a white background.

## Color Contrast Check

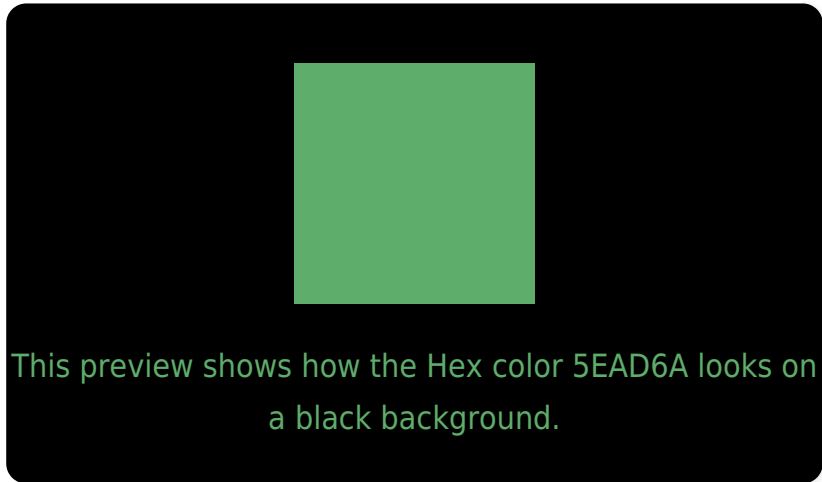
Large Text (above 18pt) WCAG AA × Fail

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 5EAD6A Background



This preview shows how black text looks on a background with the Hex color 5EAD6A.

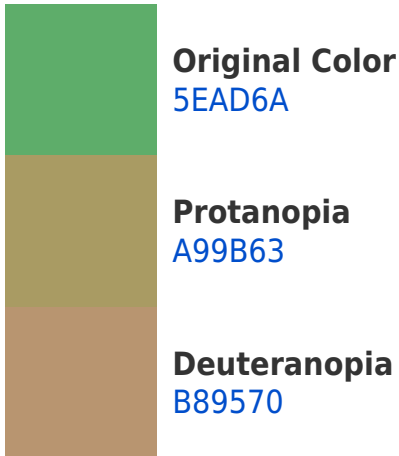


This preview shows how white text looks on a background with the Hex color 5EAD6A.

# 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**  
6EA4B2

# Trichromacy



**Original Color**  
5EAD6A



**Protanomaly**  
8EA266



**Deuteranomaly**  
979E6E



**Tritanomaly**  
68A798

# Monochromacy



**Original Color**  
5EAD6A



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
7D9981

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EAD6A 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 #5EAD6A looks like.

```
.text, #text, p{  
    color:#5EAD6A  
}
```

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 #5EAD6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EAD6A
}
```

## Border

The CSS property to change the border of an element to Hex 5EAD6A 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
#5EAD6A }
```

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

```
.border{ border-color:#5EAD6A }
```

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

Here you see how a box with a 4 pixel #5EAD6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EAD6A; -webkit-box-shadow:4px 4px  
4px 4px #5EAD6A; box-shadow:4px 4px 4px  
4px #5EAD6A }
```

# Background

The CSS property to change the background color of an element to Hex 5EAD6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EAD6A }
```

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

```
.background{ background-color:#5EAD6A }
```

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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