

Converting Colors

Hex(5DAE77)

Have a look what the booklet for
Hex(5DAE77) contains.

Hex(5DAE77)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5DAE77)

Conversions

Conversions Part 1

Format	Color
Hex	5DAE77
RGB	93, 174, 119
RGB Percent	36%, 68%, 47%
CMY	0.6353, 0.3176, 0.5333
CMYK	0.47, 0.00, 0.32, 0.32
HSL	139°, 33%, 52%
HSV	139°, 47%, 68%
XYZ	22.9800, 33.9312, 22.7910
YIQ	143.5110, -30.6210, -34.2770

Conversions

Conversions Part 2

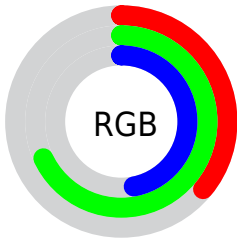
Format	Color
RYB	93, 154, 174
Decimal	6139511
CIELab	64.91, -37.25, 20.75
CIELCh	65, 42.641, 150.886
Yxy	33.9312, 0.2883, 0.4257
Android (android.graphics.Color)	4284329591 (0xFF5DAE77)
YUV	143.5110, -12.0839, -44.2981
Hunter-Lab	58.2505, -31.5194, 17.5776

Details

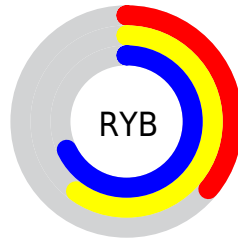
The Hex color **5DAE77** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AE5D94**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **93E6AC**, and **257946** is the 20% darker color. If you saturate the color by 10%, you get **4CAE6B**, and if you desaturate by 10%, it is **6EAE83**.

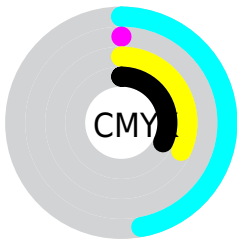
Distribution



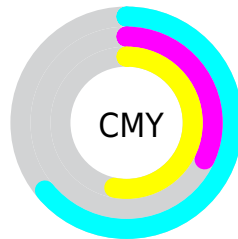
- Red (36%)
- Green (68%)
- Blue (47%)



- Red (36%)
- Yellow (60%)
- Blue (68%)



- Cyan (47%)
- Magenta (0%)
- Yellow (32%)
- Black (32%)



- Cyan (64%)
- Magenta (32%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DAE77 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 5DAE77 by changing the saturation by 10% instead.



5DAE77



5DAE77

FFFFFF



42935E



93E6AC



257946



AFFFC7



00602F



CCFFE3



004719



E9FFFF



003001



001A00



000000



5DAE77



5DAE77



4CAE6B



6EAE83

 3AAE5F

 80AE8F

 29AE54

 91AE9A

 17AE48

 A3AEA6

 06AE3C

 B4AEB2

 00AE38

 C5AEBE

 D7AECA

 E8AED6

 FAAEE1

Harmonies

Analogous

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



8DA75A



5DAE77



00B19D

Triad

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



5DAE77



61A1E9



E48278

Complementary

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



5DAE77



AE5D94

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.



E47E9E



5DAE77



A293DF

Square

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



5DAE77



00ABDF



CE85C3



D38E5C

Rectangle

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



5DAE77



00B1B7



CE85C3



E68084

Sweetspot

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



5DAE77



C3E3CD



94AE5D



5F7366



F2F2F2



737373

Same Dimension

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



5DAE77



64E38D



5DAE9F



4E5751



009630



001707

Inverse Universe

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



AE5D94



E364BA



AE5D6C



574E54



960066



170010

Previews

White Background



This preview shows how the Hex color 5DAE77 looks on a white background.

Color Contrast Check

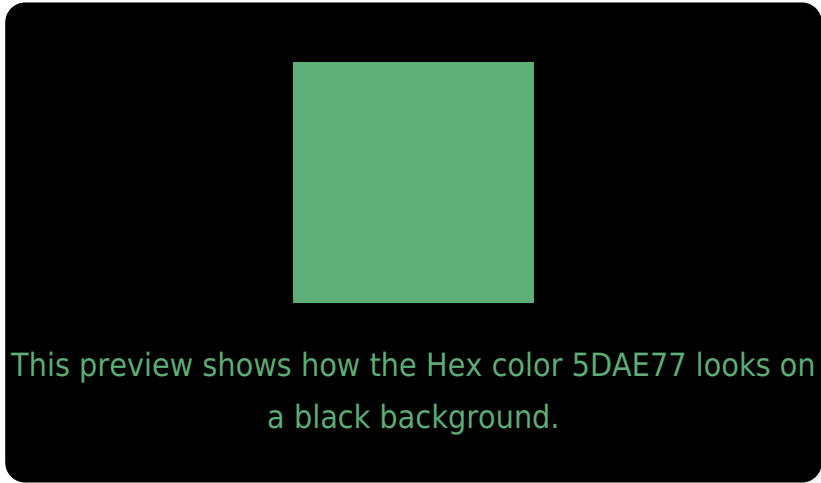
Large Text (above 18pt) WCAG AA × Fail

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 5DAE77 Background



This preview shows how black text looks on a background with the Hex color 5DAE77.

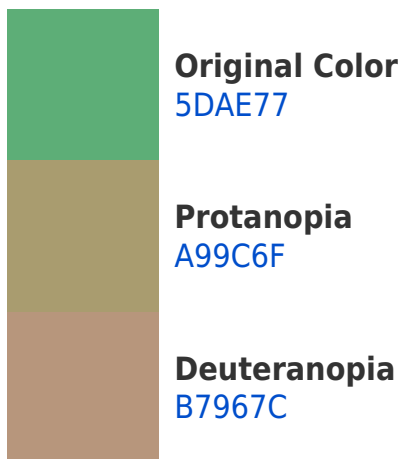


This preview shows how white text looks on a background with the Hex color 5DAE77.

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
6BA6B4

Trichromacy



Original Color
5DAE77



Protanomaly
8DA372



Deuteranomaly
969F7A



Tritanomaly
66A99E

Monochromacy



Original Color
5DAE77



Achromatopsia
909090



Achromatomaly
7D9B87

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DAE77 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 #5DAE77 looks like.

```
.text, #text, p{  
    color:#5DAE77  
}
```

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 #5DAE77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DAE77
}
```

Border

The CSS property to change the border of an element to Hex 5DAE77 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
#5DAE77 }
```

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

```
.border{ border-color:#5DAE77 }
```

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

Here you see how a box with a 4 pixel #5DAE77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DAE77; -webkit-box-shadow:4px 4px  
4px 4px #5DAE77; box-shadow:4px 4px 4px  
4px #5DAE77 }
```

Background

The CSS property to change the background color of an element to Hex 5DAE77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DAE77 }
```

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

```
.background{ background-color:#5DAE77 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor