

Converting Colors

Hex(5AA57E)

Have a look what the booklet for
Hex(5AA57E) contains.

Hex(5AA57E)	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(5AA57E)

Conversions

Conversions Part 1

Format	Color
Hex	5AA57E
RGB	90, 165, 126
RGB Percent	35%, 65%, 49%
CMY	0.6471, 0.3529, 0.5059
CMYK	0.45, 0.00, 0.24, 0.35
HSL	149°, 29%, 50%
HSV	149°, 45%, 65%
XYZ	21.4375, 30.5903, 24.5133
YIQ	138.1290, -32.1810, -28.0290

Conversions

Conversions Part 2

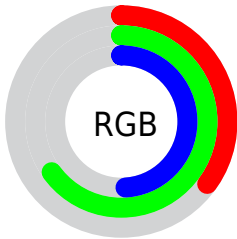
Format	Color
RYB	90, 141, 165
Decimal	5940606
CIELab	62.16, -32.54, 13.09
CIELCh	62, 35.076, 158.086
Yxy	30.5903, 0.2801, 0.3997
Android (android.graphics.Color)	4284130686 (0xFF5AA57E)
YUV	138.1290, -5.9796, -42.2091
Hunter-Lab	55.3085, -27.6035, 12.4380

Details

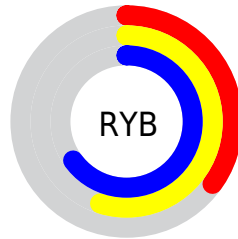
The Hex color **5AA57E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A55A81**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **90DCB3**, and **23714D** is the 20% darker color. If you saturate the color by 10%, you get **4AA575**, and if you desaturate by 10%, it is **6AA587**.

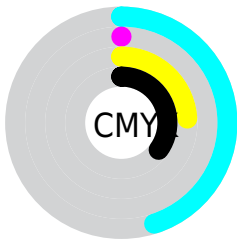
Distribution



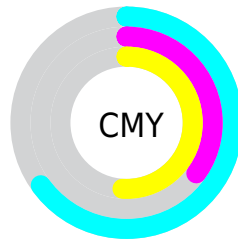
- Red (35%)
- Green (65%)
- Blue (49%)



- Red (35%)
- Yellow (55%)
- Blue (65%)



- Cyan (45%)
- Magenta (0%)
- Yellow (24%)
- Black (35%)



- Cyan (65%)
- Magenta (35%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AA57E 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 5AA57E by changing the saturation by 10% instead.



5AA57E



5AA57E

FFFFFF



3F8A65



90DCB3



23714D



ABF9CE



005836



C8FFEB



004020



E4FFFF



00290A



000E00



000000



5AA57E



5AA57E



4AA575



6AA587

 39A56D

 7BA58F

 29A564

 8BA598

 18A55C

 9CA5A0

 07A553

 ACA5A9

 00A54F

 BDA5B1

 CEA5BA

 DEA5C3

 EEA5CB

Harmonies

Analogous

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



81A064



5AA57E



2BA79E

Triad

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



5AA57E



7796D4



CF8371

Complementary

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



5AA57E



A55A81

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.



D27E8F



5AA57E



A58BC7

Square

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



5AA57E



3EA0CF



C481AE



BE8C5D

Rectangle

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



5AA57E



02A6B2



C481AE



D2807B

Sweetspot

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



5AA57E



B8D6C7



82A55A



596B62



EBEBEB



6B6B6B

Same Dimension

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



5AA57E



60D699



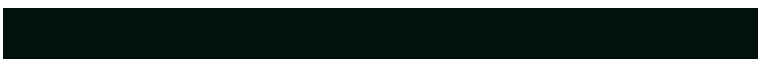
5AA5A3



49524D



009146



001209

Inverse Universe

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



A55A81



D6609E



A55A5C



52494E



91004C



120009

Previews

White Background



This preview shows how the Hex color 5AA57E looks on a white background.

Color Contrast Check

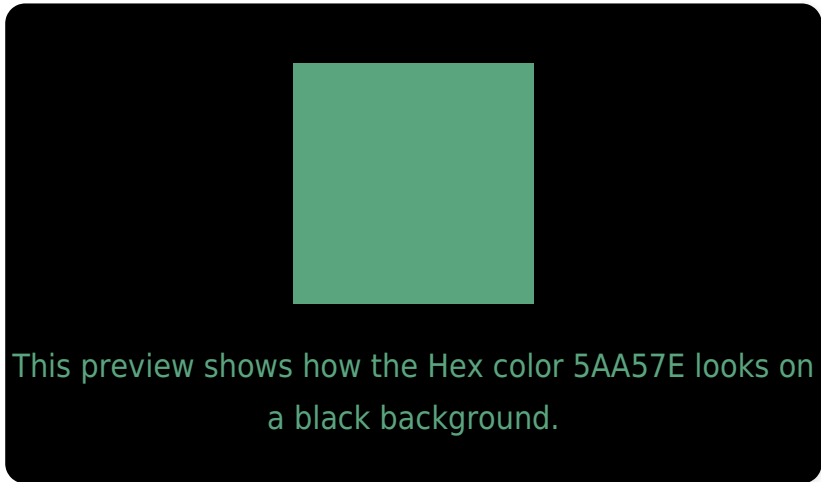
Large Text (above 18pt) WCAG AA × Fail

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

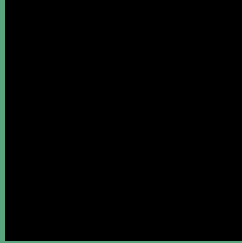
Any Text WCAG AA ✓ Pass

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 5AA57E Background



This preview shows how black text looks on a background with the Hex color 5AA57E.

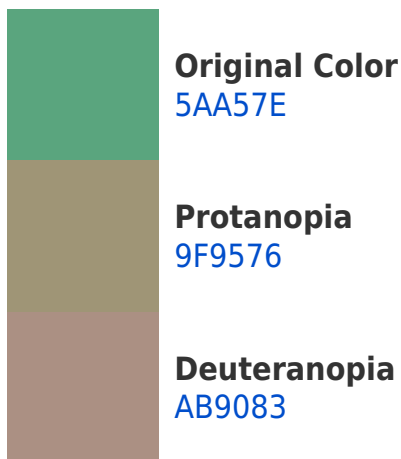


This preview shows how white text looks on a background with the Hex color 5AA57E.

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](#).

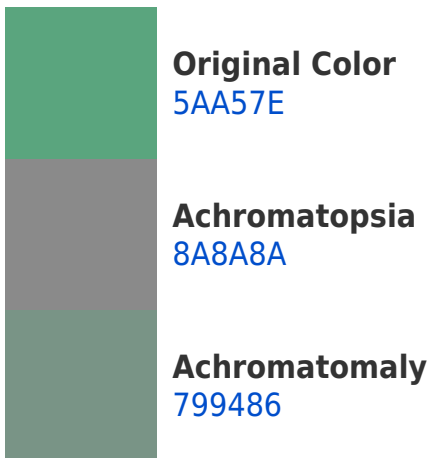
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AA57E 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 #5AA57E looks like.

```
.text, #text, p{  
    color:#5AA57E  
}
```

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 #5AA57E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AA57E
}
```

Border

The CSS property to change the border of an element to Hex 5AA57E 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
#5AA57E }
```

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

```
.border{ border-color:#5AA57E }
```

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

Here you see how a box with a 4 pixel #5AA57E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AA57E; -webkit-box-shadow:4px 4px  
4px 4px #5AA57E; box-shadow:4px 4px 4px  
4px #5AA57E }
```

Background

The CSS property to change the background color of an element to Hex 5AA57E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AA57E }
```

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

```
.background{ background-color:#5AA57E }
```

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