

Converting Colors

Hex(5AAA79)

Have a look what the booklet for
Hex(5AAA79) contains.

Hex(5AAA79)	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(5AAA79)

Conversions

Conversions Part 1

Format	Color
Hex	5AAA79
RGB	90, 170, 121
RGB Percent	35%, 67%, 47%
CMY	0.6471, 0.3333, 0.5255
CMYK	0.47, 0.00, 0.29, 0.33
HSL	143°, 32%, 51%
HSV	143°, 47%, 67%
XYZ	22.0424, 32.3036, 23.1626
YIQ	140.4940, -31.9510, -32.1990

Conversions

Conversions Part 2

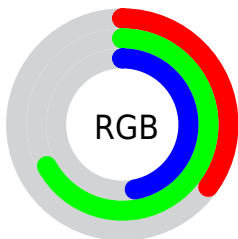
Format	Color
RYB	90, 148, 170
Decimal	5941881
CIELab	63.59, -35.88, 17.84
CIELCh	64, 40.071, 153.566
Yxy	32.3036, 0.2844, 0.4168
Android (android.graphics.Color)	4284131961 (0xFF5AAA79)
YUV	140.4940, -9.6105, -44.2832
Hunter-Lab	56.8362, -30.2371, 15.6228

Details

The Hex color **5AAA79** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AA5A8B**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **90E2AE**, and **227548** is the 20% darker color. If you saturate the color by 10%, you get **49AA6F**, and if you desaturate by 10%, it is **6BAA83**.

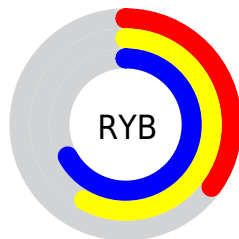
Distribution



Red (35%)

Green (67%)

Blue (47%)



Red (35%)

Yellow (58%)

Blue (67%)

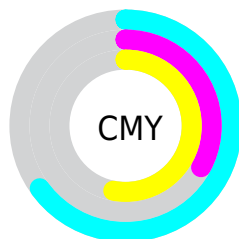


Cyan (47%)

Magenta (0%)

Yellow (29%)

Black (33%)



Cyan (65%)

Magenta (33%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AAA79 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 5AAA79 by changing the saturation by 10% instead.

 5AAA79

 5AAA79

FFFFFF

 3F8F60

 90E2AE

 227548

 ACFFC9

 005C31

 C8FFE5

 00441C

 E5FFFF

 002D03

 001500

 000000

 5AAA79

 5AAA79

 49AA6F

 6BAA83

■ 38AA64

■ 7CAA8E

■ 27AA5A

■ 8DAA98

■ 16AA4F

■ 9EAAA3

■ 05AA45

■ AFAAAD

■ 00AA42

■ C0AAB7

■ D1AAC2

■ E2AACC

■ F3AAD7

Harmonies

Analogous

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



87A45D



5AAA79



0EAD9D

Triad

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



5AAA79



699CE1



DC8274

Complementary

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



5AAA79



AA5A8B

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.



DD7D97



5AAA79



A38FD6

Square

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



5AAA79



00A6D9



CA83BA



CA8D5B

Rectangle

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



5AAA79



00ACB5



CA83BA



DE7F7F

Sweetspot

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



5AAA79



BFDECB



8BAA5A



5D7065



F0F0F0



707070

Same Dimension

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



5AAA79



62DE92



5AAAA1



4C544F



009439



001408

Inverse Universe

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



AA5A8B



DE62AE



AA5A63



544C51



94005B



14000C

Previews

White Background



This preview shows how the Hex color 5AAA79 looks on a white background.

Color Contrast Check

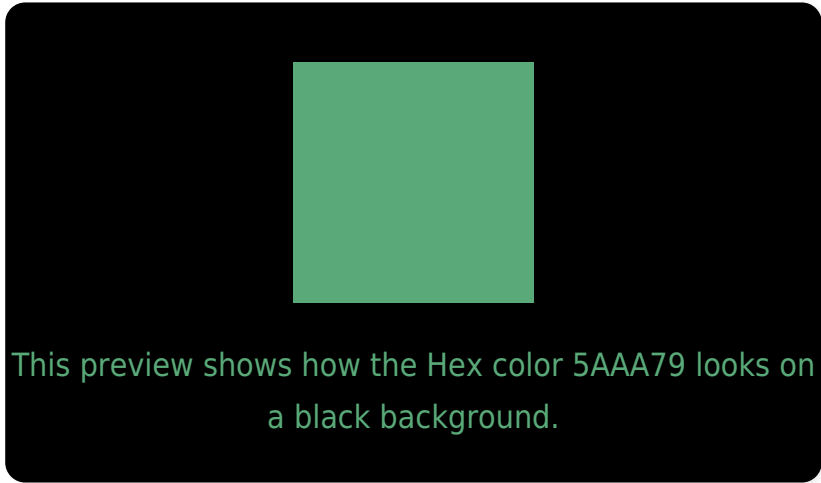
Large Text (above 18pt) WCAG AA × Fail

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 5AAA79 Background



This preview shows how black text looks on a background with the Hex color 5AAA79.

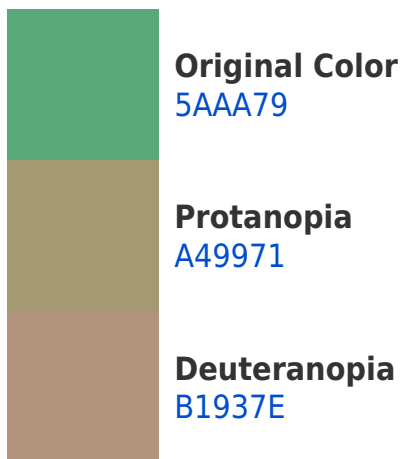


This preview shows how white text looks on a background with the Hex color 5AAA79.

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](#).

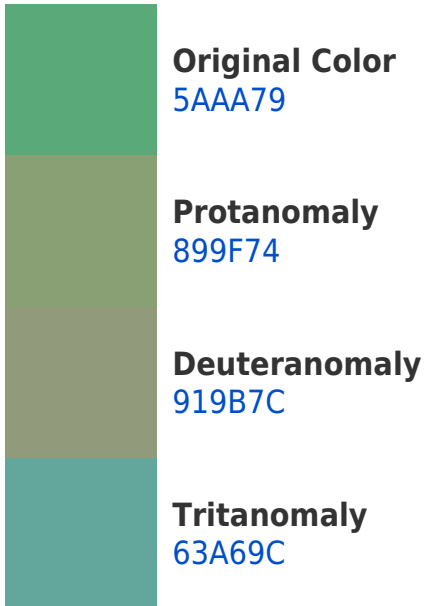
Dichromacy



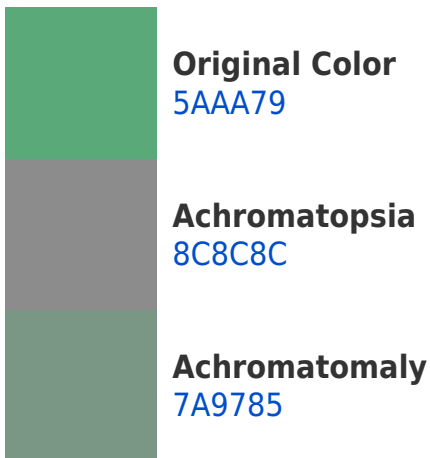


Tritanopia
68A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AAA79 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 #5AAA79 looks like.

```
.text, #text, p{  
    color:#5AAA79  
}
```

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 #5AAA79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AAA79
}
```

Border

The CSS property to change the border of an element to Hex 5AAA79 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
#5AAA79 }
```

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

```
.border{ border-color:#5AAA79 }
```

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

Here you see how a box with a 4 pixel #5AAA79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AAA79; -webkit-box-shadow:4px 4px  
4px 4px #5AAA79; box-shadow:4px 4px 4px  
4px #5AAA79 }
```

Background

The CSS property to change the background color of an element to Hex 5AAA79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AAA79 }
```

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

```
.background{ background-color:#5AAA79 }
```

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