

# Converting Colors

Hex(5CAE79)

Have a look what the booklet for  
Hex(5CAE79) contains.

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**Color**

**Hex(5CAE79)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CAE79
RGB	92, 174, 121
RGB Percent	36%, 68%, 47%
CMY	0.6392, 0.3176, 0.5255
CMYK	0.47, 0.00, 0.30, 0.32
HSL	141°, 34%, 52%
HSV	141°, 47%, 68%
XYZ	23.0009, 33.9279, 23.4256
YIQ	143.4400, -31.8590, -33.8670

# Conversions

## Conversions Part 2

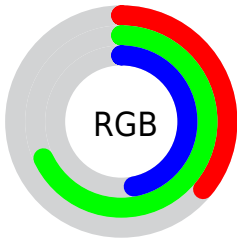
Format	Color
<a href="#">RYB</a>	<a href="#">92, 153, 174</a>
Decimal	<a href="#">6073977</a>
CIELab	<a href="#">64.91, -37.15, 19.65</a>
CIELCh	<a href="#">65, 42.025, 152.122</a>
Yxy	<a href="#">33.9279, 0.2862, 0.4222</a>
Android (android.graphics.Color)	<a href="#">4284264057</a> ( <a href="#">0xFF5CAE79</a> )
YUV	<a href="#">143.4400, -11.0629, -45.1129</a>
Hunter-Lab	<a href="#">58.2477, -31.4472, 16.9285</a>

# Details

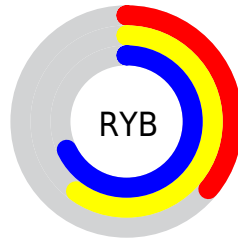
The Hex color **5CAE79** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AE5C91**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **93E6AE**, and **247948** is the 20% darker color. If you saturate the color by 10%, you get **4BAE6E**, and if you desaturate by 10%, it is **6DAE84**.

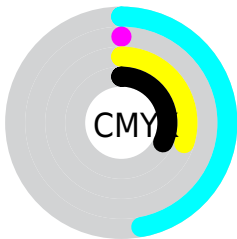
# Distribution



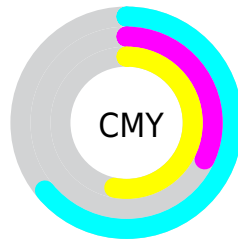
- Red (36%)
- Green (68%)
- Blue (47%)



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



- Cyan (47%)
- Magenta (0%)
- Yellow (30%)
- Black (32%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CAE79 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 5CAE79 by changing the saturation by 10% instead.





5CAE79



5CAE79

FFFFFF



419360



93E6AE



247948



AFFFC9



005F31



CBFFE5



00471B



E8FFFF



003003



001A00



000000



5CAE79



5CAE79



4BAE6E



6DAE84

 39AE63

 7FAE8F

 28AE57

 90AE9B

 16AE4C

 A2AEA6

 05AE41

 B3AEB1

 00AE3E

 C4AEB C

 D6AEC8

 E7AED3

 F9AEDE

# Harmonies

## Analogous

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



8BA75C



5CAE79



00B19F

# Triad

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



5CAE79



66A0E8



E38377

# Complementary

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



5CAE79



AE5C91

# 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.



E37F9C



5CAE79



A493DD

# Square

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



5CAE79



00ABDF



CF85C1



D18F5C

# Rectangle

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



5CAE79



00B1B9



CF85C1



E58183



# Sweetspot

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



5CAE79



C3E3CE



91AE5C



5F7366



F2F2F2



737373



# Same Dimension

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



5CAE79



62E38F



5CAEA2



4E5751



009635



001708



# Inverse Universe

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



AE5C91



E362B5



AE5C68



574E54



960061



17000F



# Previews

## White Background



This preview shows how the Hex color 5CAE79 looks on a white background.

## Color Contrast Check

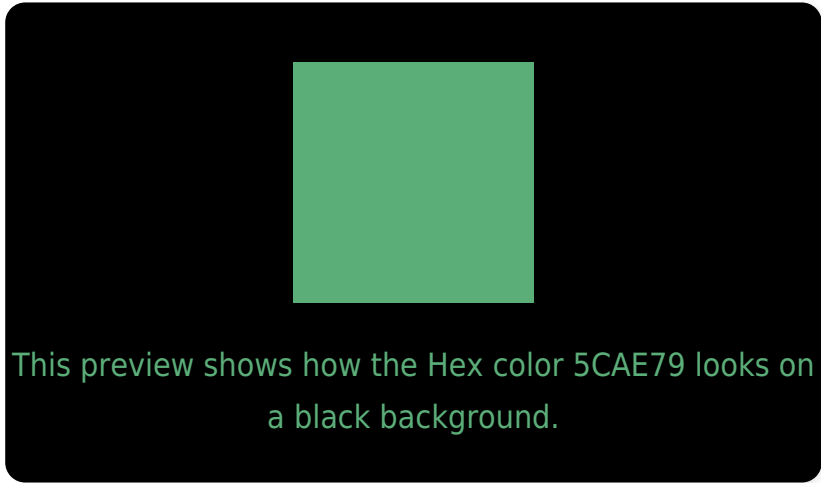
Large Text (above 18pt) WCAG AA × Fail

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 5CAE79 Background



This preview shows how black text looks on a background with the Hex color 5CAE79.

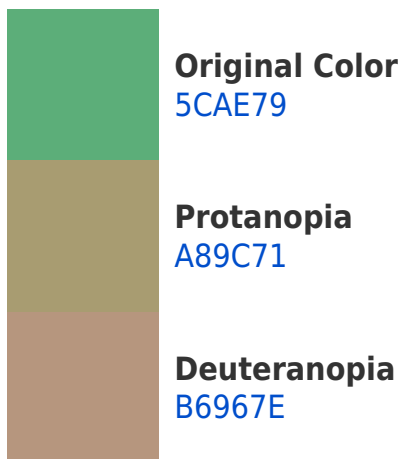


This preview shows how white text looks on a background with the Hex color 5CAE79.

# 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](#).

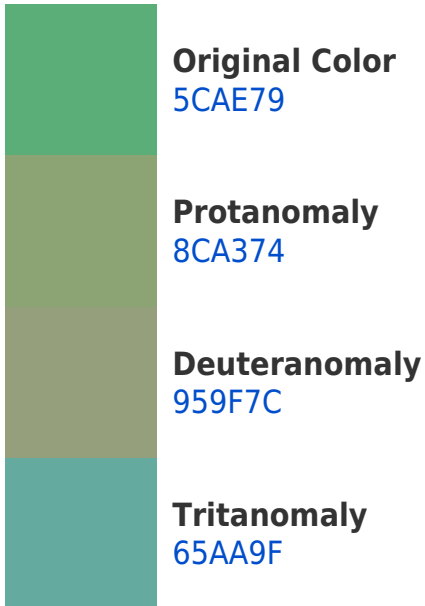
## Dichromacy



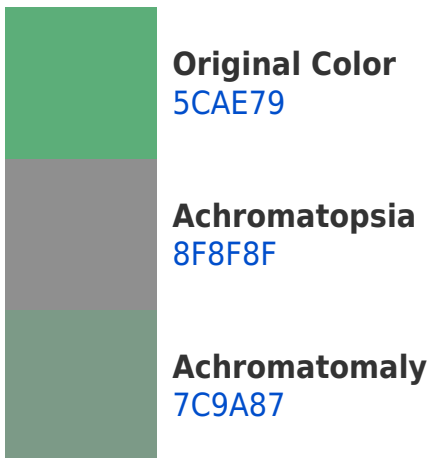


**Tritanopia**  
6AA7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CAE79 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 #5CAE79 looks like.

```
.text, #text, p{  
    color:#5CAE79  
}
```

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 #5CAE79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CAE79
}
```

## Border

The CSS property to change the border of an element to Hex 5CAE79 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
#5CAE79 }
```

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

```
.border{ border-color:#5CAE79 }
```

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

Here you see how a box with a 4 pixel #5CAE79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CAE79; -webkit-box-shadow:4px 4px  
4px 4px #5CAE79; box-shadow:4px 4px 4px  
4px #5CAE79 }
```

# Background

The CSS property to change the background color of an element to Hex 5CAE79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CAE79 }
```

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

```
.background{ background-color:#5CAE79 }
```

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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