

# Converting Colors

Hex(5CAF7E)

Have a look what the booklet for  
Hex(5CAF7E) contains.

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**Color**

**Hex(5CAF7E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CAF7E
RGB	92, 175, 126
RGB Percent	36%, 69%, 49%
CMY	0.6392, 0.3137, 0.5059
CMYK	0.47, 0.00, 0.28, 0.31
HSL	145°, 34%, 52%
HSV	145°, 47%, 69%
XYZ	23.5095, 34.4416, 25.1475
YIQ	144.5970, -33.7390, -32.8350

# Conversions

## Conversions Part 2

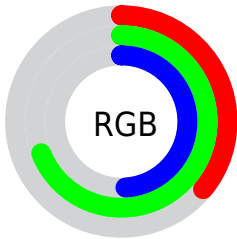
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 151, 175
Decimal	6074238
CIELab	65.31, -36.62, 17.48
CIELCh	65, 40.579, 154.478
Yxy	34.4416, 0.2829, 0.4145
Android (android.graphics.Color)	4284264318 (0xFF5CAF7E)
YUV	144.5970, -9.1683, -46.1276
Hunter-Lab	58.6870, -31.1966, 15.6750

# Details

The Hex color **5CAF7E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AF5C8D**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **93E7B3**, and **237A4D** is the 20% darker color. If you saturate the color by 10%, you get **4BAF74**, and if you desaturate by 10%, it is **6EAF88**.

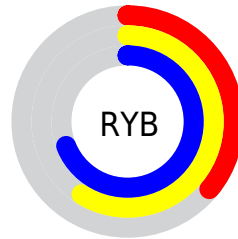
# Distribution



Red (36%)

Green (69%)

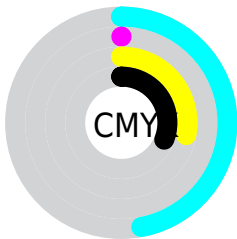
Blue (49%)



Red (36%)

Yellow (59%)

Blue (69%)

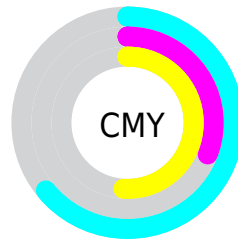


Cyan (47%)

Magenta (0%)

Yellow (28%)

Black (31%)



Cyan (64%)

Magenta (31%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CAF7E 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 5CAF7E by changing the saturation by 10% instead.





5CAF7E



5CAF7E

FFFFFF



419465



93E7B3



237A4D



AFFFCF



006036



CBFFEB



004820



E8FFFF



00310A



001B00



000000



5CAF7E



5CAF7E



4BAF74



6EAF88

 39AF69

 7FAF93

 27AF5F

 91AF9D

 16AF55

 A2AFA7

 04AF4A

 B4AFB2

 00AF48

 C5AFBC

 D7AFC6

 E8AFD1

 FAAFDB

# Harmonies

## Analogous

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



8AA861



5CAF7E



0FB2A3

# Triad

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



5CAF7E



6FA0E7



E18677

# Complementary

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



5CAF7E



AF5C8D

# 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.



E3819A



5CAF7E



A993DB

# Square

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



5CAF7E



10ABDF



D087BF



CF915D

# Rectangle

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



5CAF7E



00B1BB



D087BF



E48382



# Sweetspot

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



5CAF7E



C3E3D0



8EAF5C



5F7367



F2F2F2



737373



# Same Dimension

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



5CAF7E



62E397



5CAFA7



4E5752



00963E



001709



# Inverse Universe

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



AF5C8D



E362AE



AF5C64



574E53



960059



17000E



# Previews

## White Background



This preview shows how the Hex color 5CAF7E looks on a white background.

## Color Contrast Check

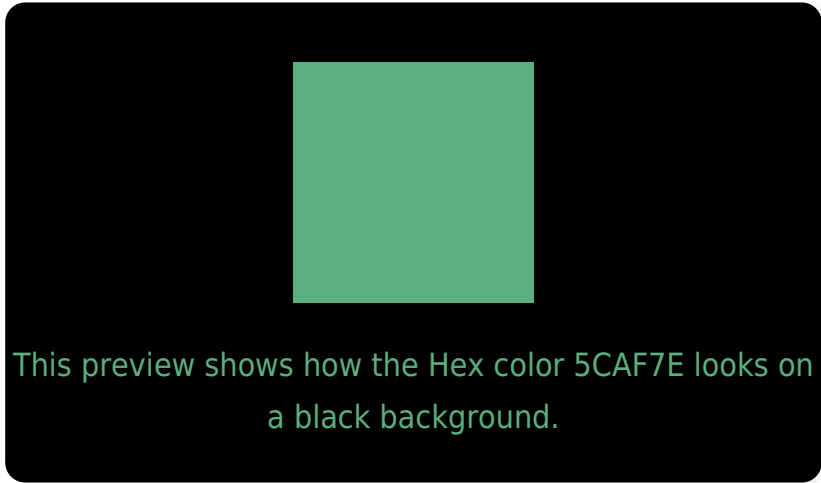
Large Text (above 18pt) WCAG AA × Fail

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

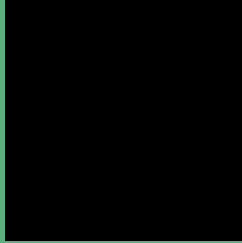
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5CAF7E Background



This preview shows how black text looks on a background with the Hex color 5CAF7E.

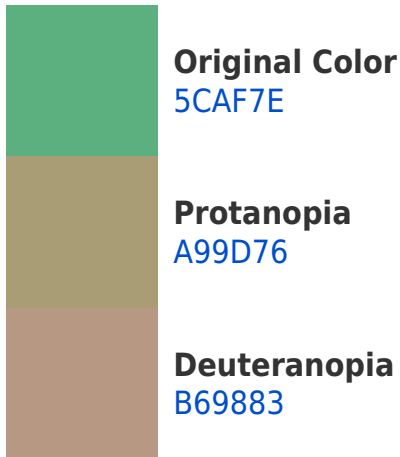


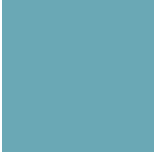
This preview shows how white text looks on a background with the Hex color 5CAF7E.

# 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](#).

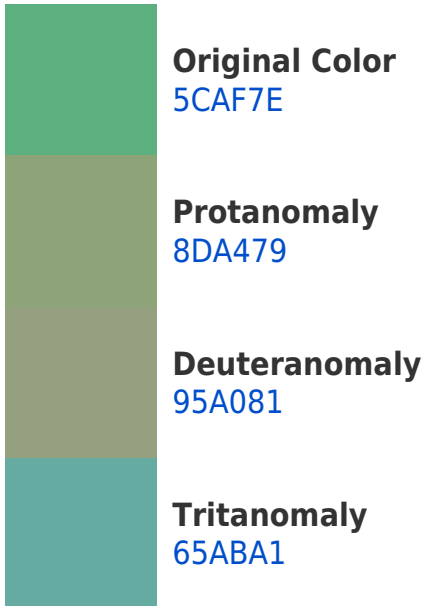
## Dichromacy



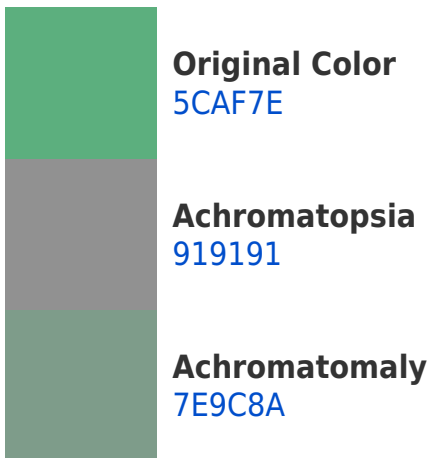


**Tritanopia**  
6AA8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CAF7E 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 #5CAF7E looks like.

```
.text, #text, p{  
    color:#5CAF7E  
}
```

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 #5CAF7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CAF7E
}
```

## Border

The CSS property to change the border of an element to Hex 5CAF7E 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
#5CAF7E }
```

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

```
.border{ border-color:#5CAF7E }
```

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

Here you see how a box with a 4 pixel #5CAF7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CAF7E; -webkit-box-shadow:4px 4px  
4px 4px #5CAF7E; box-shadow:4px 4px 4px  
4px #5CAF7E }
```

# Background

The CSS property to change the background color of an element to Hex 5CAF7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CAF7E }
```

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

```
.background{ background-color:#5CAF7E }
```

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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