

# Converting Colors

Hex(51C67D)

Have a look what the booklet for  
Hex(51C67D) contains.

<b>Hex(51C67D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(51C67D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51C67D
RGB	81, 198, 125
RGB Percent	32%, 78%, 49%
CMY	0.6824, 0.2235, 0.5098
CMYK	0.59, 0.00, 0.37, 0.22
HSL	143°, 51%, 55%
HSV	143°, 59%, 78%
XYZ	27.2891, 43.6182, 26.3829
YIQ	154.6950, -46.2990, -47.5070

# Conversions

## Conversions Part 2

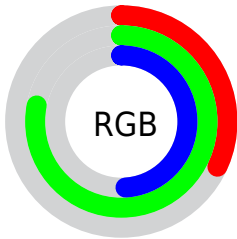
Format	Color
<a href="#">RYB</a>	<a href="#">81, 166, 198</a>
Decimal	<a href="#">5359229</a>
CIELab	<a href="#">71.97, -49.34, 26.99</a>
CIELCh	<a href="#">72, 56.239, 151.319</a>
Yxy	<a href="#">43.6182, 0.2805, 0.4483</a>
Android (android.graphics.Color)	<a href="#">4283549309</a> ( <a href="#">0xFF51C67D</a> )
YUV	<a href="#">154.6950, -14.6396, -64.6305</a>
Hunter-Lab	<a href="#">66.0441, -41.8217, 22.5460</a>

# Details

The Hex color **51C67D** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C6519A**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **8CFFB2**, and **008F4B** is the 20% darker color. If you saturate the color by 10%, you get **3DC671**, and if you desaturate by 10%, it is **65C689**.

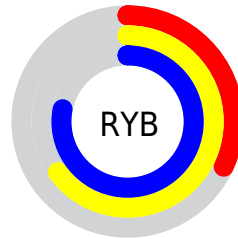
# Distribution



Red (32%)

Green (78%)

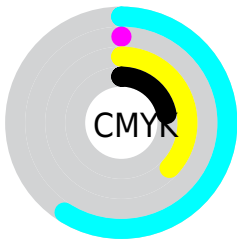
Blue (49%)



Red (32%)

Yellow (65%)

Blue (78%)

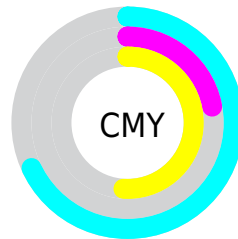


Cyan (59%)

Magenta (0%)

Yellow (37%)

Black (22%)



Cyan (68%)

Magenta (22%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 51C67D 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 51C67D by changing the saturation by 10% instead.



 51C67D

 51C67D

FFFFFF

 30AA64

 8CFFB2

 008F4B

 A9FFCE

 007534

 C6FFEA

 005B1D

 E4FFFF

 004205

 002D00

 000D00

 000000

 51C67D

 51C67D

 3DC671

 65C689

 29C664

 79C696

 16C658

 8CC6A2

 02C64C

 A0C6AE

 00C64A

 B4C6BB

 C8C6C7

 DCC6D3

 EFC6E0

 FFC6EC

# Harmonies

## Analogous

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



97BD54



51C67D



00CAB1

# Triad

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



51C67D



4EB5FF



FF8A7E

# Complementary

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



51C67D



C6519A

# 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.



FF84B0



51C67D



B6A2FF

# Square

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



51C67D



00C2FF



F18EE3



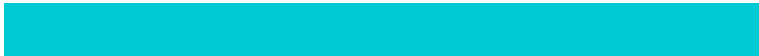
F49C56

# Rectangle

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



51C67D



00CAD4



F18EE3



FF868E

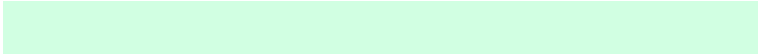


# Sweetspot

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



51C67D



D1FFE2



9BC651



63806E



000000



808080



# Same Dimension

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



51C67D



4AFF8E



51C6B6



5A635D



00A33D



00240D



# Inverse Universe

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



C6519A



FF4ABB



C65161



635A60



A30066



240016



# Previews

## White Background



This preview shows how the Hex color 51C67D 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



This preview shows how the Hex color 51C67D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

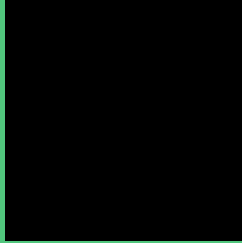
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 51C67D Background



This preview shows how black text looks on a background with the Hex color 51C67D.

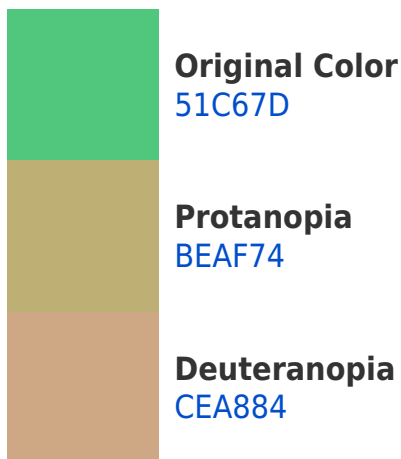


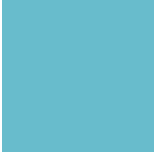
This preview shows how white text looks on a background with the Hex color 51C67D.

# Color Blindness Simulation

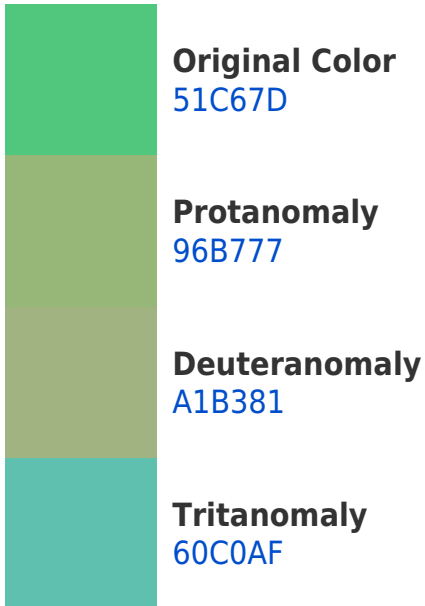
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

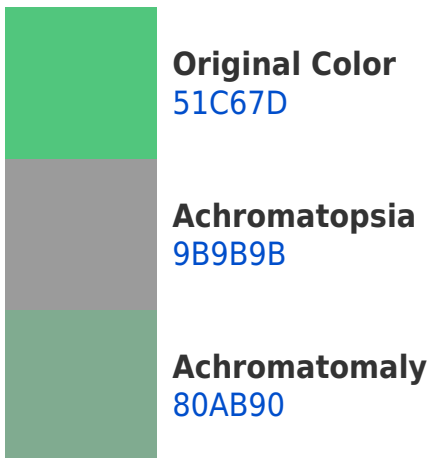




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 51C67D 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 #51C67D looks like.

```
.text, #text, p{  
    color:#51C67D  
}
```

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 #51C67D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51C67D
}
```

## Border

The CSS property to change the border of an element to Hex 51C67D 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
#51C67D }
```

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

```
.border{ border-color:#51C67D }
```

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

Here you see how a box with a 4 pixel #51C67D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51C67D; -webkit-box-shadow:4px 4px  
4px 4px #51C67D; box-shadow:4px 4px 4px  
4px #51C67D }
```

# Background

The CSS property to change the background color of an element to Hex 51C67D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51C67D }
```

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

```
.background{ background-color:#51C67D }
```

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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