

# Converting Colors

Hex(55CAA7)

Have a look what the booklet for  
Hex(55CAA7) contains.

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**Color**

**Hex(55CAA7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55CAA7
RGB	85, 202, 167
RGB Percent	33%, 79%, 65%
CMY	0.6667, 0.2078, 0.3451
CMYK	0.58, 0.00, 0.17, 0.21
HSL	162°, 52%, 56%
HSV	162°, 58%, 79%
XYZ	31.8419, 46.9624, 43.9456
YIQ	163.0270, -58.4970, -35.6890

# Conversions

## Conversions Part 2

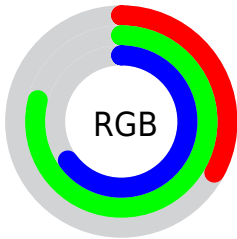
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 154, 202
Decimal	5622439
CIELab	74.17, -41.38, 7.66
CIElCh	74, 42.086, 169.519
Yxy	46.9624, 0.2594, 0.3826
Android (android.graphics.Color)	4283812519 (0xFF55CAA7)
YUV	163.0270, 1.9587, -68.4297
Hunter-Lab	68.5291, -36.9863, 9.9495

# Details

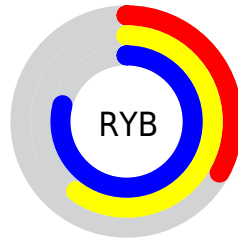
The Hex color **55CAA7** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **CA5578**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **90FFDE**, and **009373** is the 20% darker color. If you saturate the color by 10%, you get **41CAA1**, and if you desaturate by 10%, it is **69CAAD**.

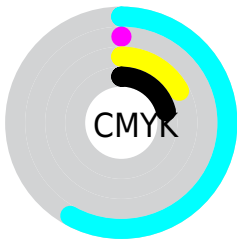
# Distribution



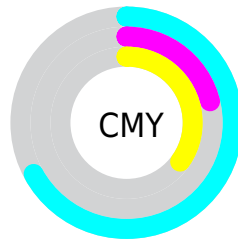
- Red (33%)
- Green (79%)
- Blue (65%)



- Red (33%)
- Yellow (60%)
- Blue (79%)



- Cyan (58%)
- Magenta (0%)
- Yellow (17%)
- Black (21%)



- Cyan (67%)
- Magenta (21%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55CAA7 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 55CAA7 by changing the saturation by 10% instead.



 55CAA7

 55CAA7

FFFFFF

 34AE8D

 90FFDE

 009373

 ADFFFB

 00795B

 CBFFFF

 005F43

 E8FFFF

 00472D

 002F18

 001700

 000000

 55CAA7

 55CAA7

 41CAA1

 69CAAD

 2DCA9B

 7DCAB3

 18CA95

 92CAB9

 04CA8F

 A6CABF

 00CA8E

 BACAC5

 CECACB

 E2CAD1

 F7CAD7

 FFCADD

# Harmonies

## Analogous

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



8AC583



55CAA7



00CBCF

# Triad

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



55CAA7



A6B1FF



F6A27D

# Complementary

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



55CAA7



CA5578

# 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.



FF999E



55CAA7



DAA3E9

# Square

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



55CAA7



62BEFF



F999C6



DBAF6A

# Rectangle

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



55CAA7



00C9E6



F999C6



FC9E87

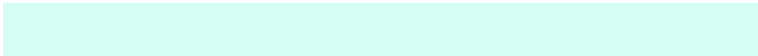


# Sweetspot

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



55CAA7



D4FFF2



78CA55



668078



000000



808080



# Same Dimension

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



55CAA7



4DFFCA



55B3CA



5C6663



00A674



00261B



# Inverse Universe

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



CA5578



FF4D82



CA6C55



665C5F



A60032

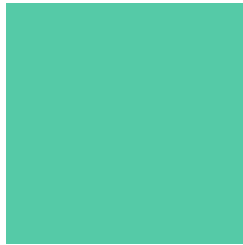


26000B



# Previews

## White Background



This preview shows how the Hex color 55CAA7 looks on a white background.

## Color Contrast Check

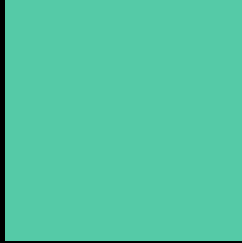
Large Text (above 18pt) WCAG AA × Fail

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 55CAA7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

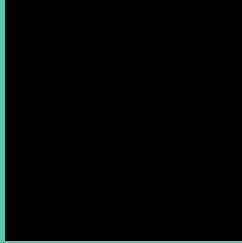
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

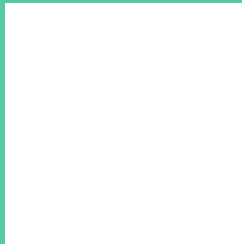
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 55CAA7 Background



This preview shows how black text looks on a background with the Hex color 55CAA7.

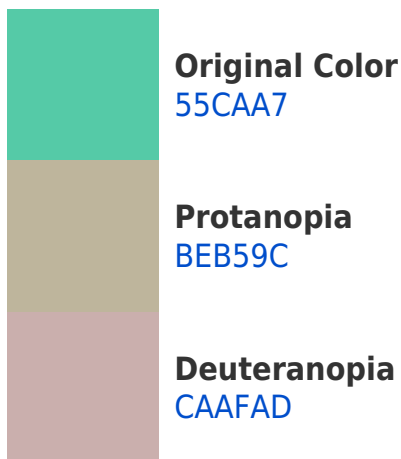


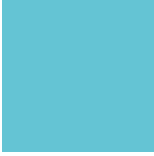
This preview shows how white text looks on a background with the Hex color 55CAA7.

# 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](#).

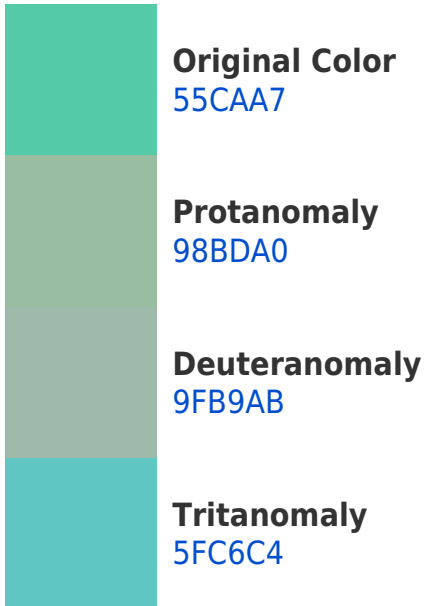
## Dichromacy



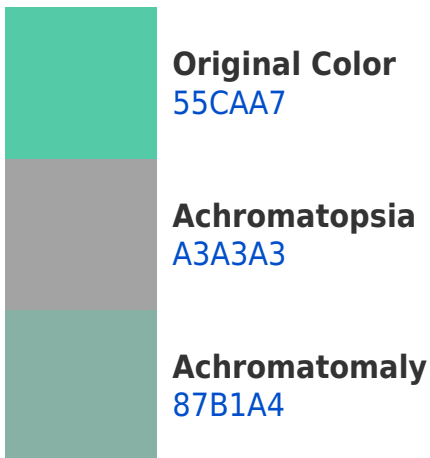


**Tritanopia**  
64C4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55CAA7 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 #55CAA7 looks like.

```
.text, #text, p{  
    color:#55CAA7  
}
```

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 #55CAA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55CAA7  
}
```

## Border

The CSS property to change the border of an element to Hex 55CAA7 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  
#55CAA7 }
```

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

```
.border{ border-color:#55CAA7 }
```

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

Here you see how a box with a 4 pixel #55CAA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55CAA7; -webkit-box-shadow:4px 4px  
4px 4px #55CAA7; box-shadow:4px 4px 4px  
4px #55CAA7 }
```

# Background

The CSS property to change the background color of an element to Hex 55CAA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55CAA7 }
```

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

```
.background{ background-color:#55CAA7 }
```

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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