

# Converting Colors

Hex(55A99C)

Have a look what the booklet for  
Hex(55A99C) contains.

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**Color**

**Hex(55A99C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55A99C
RGB	85, 169, 156
RGB Percent	33%, 66%, 61%
CMY	0.6667, 0.3373, 0.3882
CMYK	0.50, 0.00, 0.08, 0.34
HSL	171°, 33%, 50%
HSV	171°, 50%, 66%
XYZ	23.9350, 32.7075, 36.5042
YIQ	142.4020, -45.8910, -21.8510

# Conversions

## Conversions Part 2

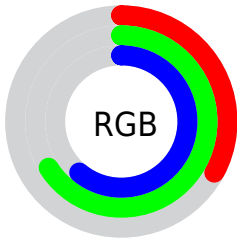
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 131, 169
Decimal	5613980
CIELab	63.92, -28.75, -1.14
CIELCh	64, 28.776, 182.271
Yxy	32.7075, 0.2570, 0.3511
Android (android.graphics.Color)	4283804060 (0xFF55A99C)
YUV	142.4020, 6.7038, -50.3416
Hunter-Lab	57.1905, -25.3786, 2.1891

# Details

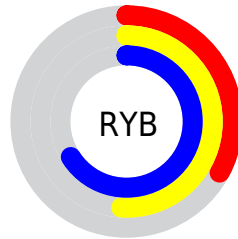
The Hex color **55A99C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A95562**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **8CE1D2**, and **177469** is the 20% darker color. If you saturate the color by 10%, you get **44A999**, and if you desaturate by 10%, it is **66A99F**.

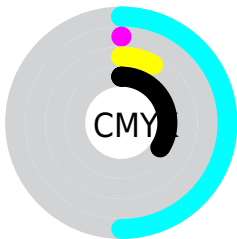
# Distribution



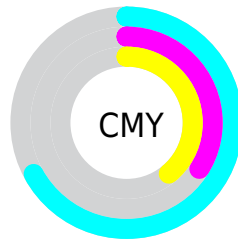
- Red (33%)
- Green (66%)
- Blue (61%)



- Red (33%)
- Yellow (51%)
- Blue (66%)



- Cyan (50%)
- Magenta (0%)
- Yellow (8%)
- Black (34%)



- Cyan (67%)
- Magenta (34%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55A99C 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 55A99C by changing the saturation by 10% instead.



 55A99C

 55A99C

FFFFFF

 398E82

 8CE1D2

 177469

 A8FDEF

 005B51

 C5FFFF

 00433A

 E2FFFF

 002C24

 00170F

 000000

 55A99C

 55A99C

 44A999


 66A99F

 33A997

 77A9A1

 22A994

 88A9A4

 11A992

 99A9A6

 01A98F

 A9A9A9

 00A98F

 BAA9AC

 CBA9AE

 DCA9B1

 EDA9B4

# Harmonies

## Analogous

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



71A782



55A99C



46A8B5

# Triad

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



55A99C



A194C6



C1916E

# Complementary

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



55A99C



A95562

# 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.



CD8A81



55A99C



BD8BB3

# Square

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



55A99C



7C9DCE



CC889A



AB9A67

# Rectangle

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



55A99C



4EA6C3



CC889A



C68E73



# Sweetspot

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



55A99C



BADBD6



63A955



5A6E6B



EDEDED



6E6E6E



# Same Dimension

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



55A99C



58DBC7



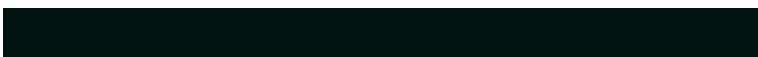
558DA9



4C5453



00947D



001411



# Inverse Universe

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



A95562



DB586C



A97155



544C4D



940017

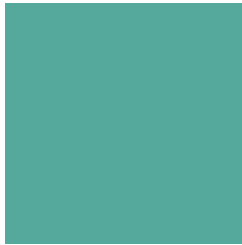


140003



# Previews

## White Background



This preview shows how the Hex color 55A99C looks on a white background.

## Color Contrast Check

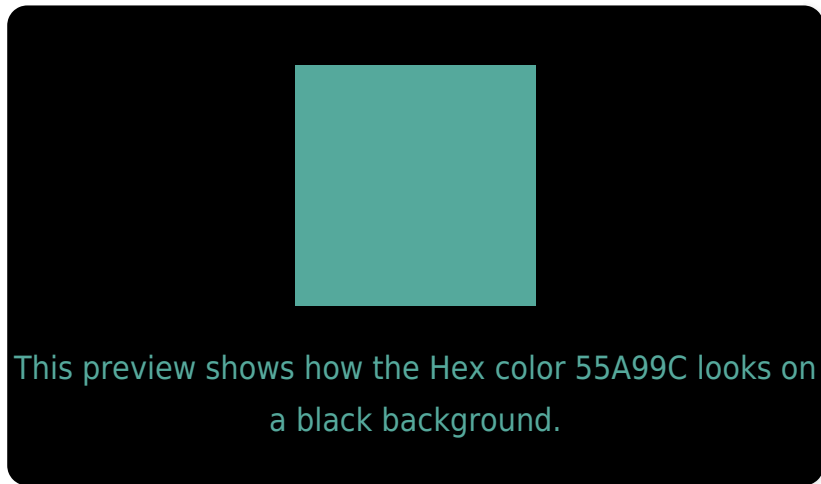
Large Text (above 18pt) WCAG AA × Fail

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

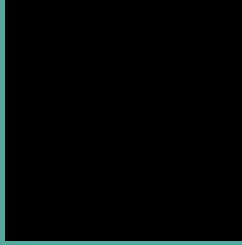
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 55A99C Background



This preview shows how black text looks on a background with the Hex color 55A99C.

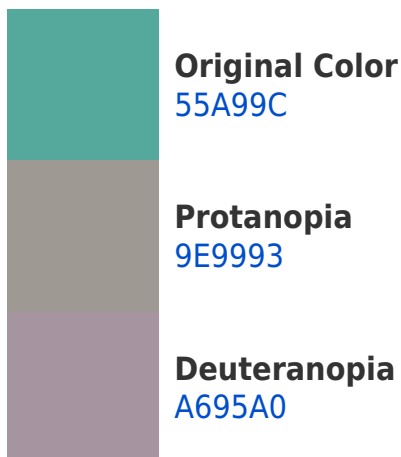


This preview shows how white text looks on a background with the Hex color 55A99C.

# 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](#).

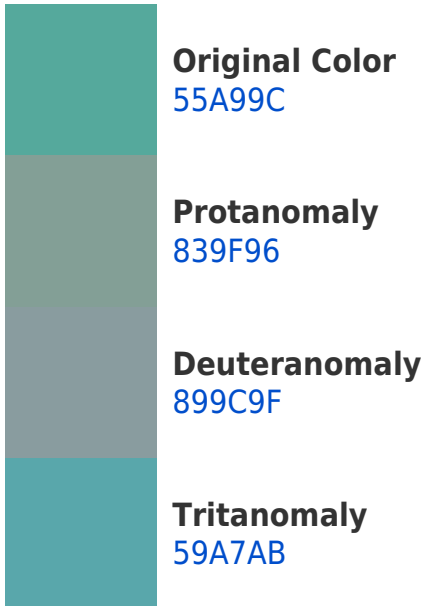
## Dichromacy





**Tritanopia**  
5CA6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55A99C 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 #55A99C looks like.

```
.text, #text, p{  
    color:#55A99C  
}
```

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 #55A99C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55A99C
}
```

## Border

The CSS property to change the border of an element to Hex 55A99C 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
#55A99C }
```

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

```
.border{ border-color:#55A99C }
```

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

Here you see how a box with a 4 pixel #55A99C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55A99C; -webkit-box-shadow:4px 4px  
4px 4px #55A99C; box-shadow:4px 4px 4px  
4px #55A99C }
```

# Background

The CSS property to change the background color of an element to Hex 55A99C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55A99C }
```

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

```
.background{ background-color:#55A99C }
```

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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