

Converting Colors

Hex(55CE9C)

Have a look what the booklet for
Hex(55CE9C) contains.

Hex(55CE9C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(55CE9C)

Conversions

Conversions Part 1

Format	Color
Hex	55CE9C
RGB	85, 206, 156
RGB Percent	33%, 81%, 61%
CMY	0.6667, 0.1922, 0.3882
CMYK	0.59, 0.00, 0.24, 0.19
HSL	155°, 55%, 57%
HSV	155°, 59%, 81%
XYZ	31.8184, 48.4742, 39.1319
YIQ	164.1210, -56.0660, -41.2020

Conversions

Conversions Part 2

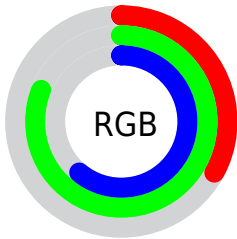
Format	Color
RYB	85, 161, 206
Decimal	5623452
CIELab	75.12, -45.60, 14.91
CIELCh	75, 47.972, 161.889
Yxy	48.4742, 0.2664, 0.4059
Android (android.graphics.Color)	4283813532 (0xFF55CE9C)
YUV	164.1210, -4.0037, -69.3891
Hunter-Lab	69.6234, -40.2653, 15.4124

Details

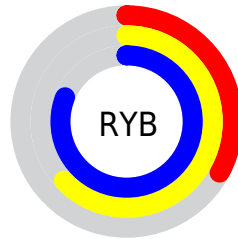
The Hex color **55CE9C** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **CE5587**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **90FFD3**, and **009769** is the 20% darker color. If you saturate the color by 10%, you get **40CE93**, and if you desaturate by 10%, it is **6ACEA5**.

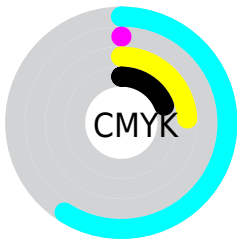
Distribution



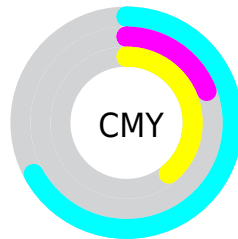
- Red (33%)
- Green (81%)
- Blue (61%)



- Red (33%)
- Yellow (63%)
- Blue (81%)



- Cyan (59%)
- Magenta (0%)
- Yellow (24%)
- Black (19%)



- Cyan (67%)
- Magenta (19%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55CE9C 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 55CE9C by changing the saturation by 10% instead.

 55CE9C

 55CE9C

FFFFFF

 34B282


 90FFD3

 009769

 AEFFEF

 007C50

 CBFFFF

 006339

 E9FFFF

 004A23

 00320E

 001A00

 000000

 55CE9C

 55CE9C

 40CE93

 6ACEA5

 2CCE8B

 7ECEAD

 17CE82

 93CEB6

 03CE7A

 A7CEBE

 00CE79

 BCCEC7

 D1CECF

 E5CED8

 FACEE0

 FFCEE9

Harmonies

Analogous

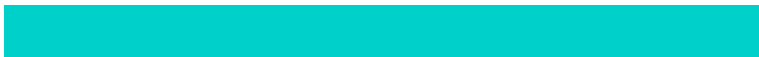
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93C775



55CE9C



00D0CA

Triad

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



55CE9C



92B7FF



FF9E80

Complementary

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



55CE9C



CE5587

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.



FF95A9



55CE9C



D4A7FB

Square

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



55CE9C



26C5FF



FD99D6



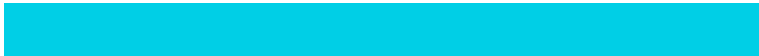
EBAD65

Rectangle

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



55CE9C



00CFE6



FD99D6



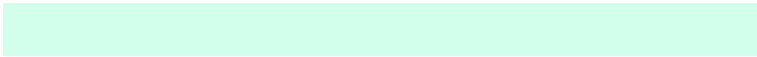
FF9A8D

Sweetspot

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



55CE9C



D1FFEC



87CE55



638074



000000



808080

Same Dimension

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



55CE9C



4DFFB5



55C4CE



5C6662



00A661



002616

Inverse Universe

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



CE5587



FF4D96



CE5F55



665C60



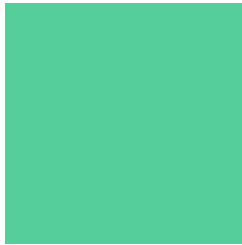
A60044



260010

Previews

White Background



This preview shows how the Hex color 55CE9C looks on a white background.

Color Contrast Check

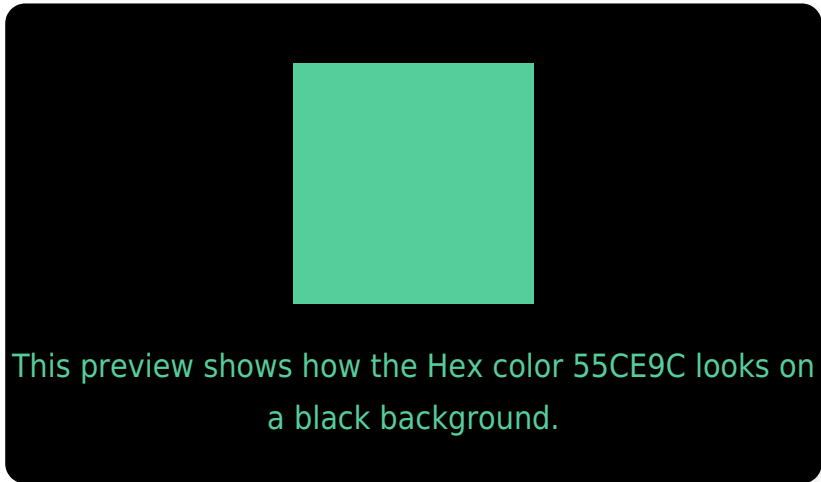
Large Text (above 18pt) WCAG AA × Fail

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

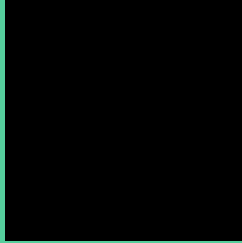
Any Text WCAG AA ✓ Pass

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 55CE9C Background



This preview shows how black text looks on a background with the Hex color 55CE9C.

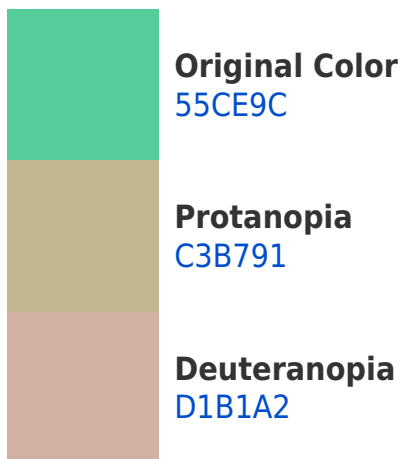


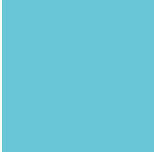
This preview shows how white text looks on a background with the Hex color 55CE9C.

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](#).

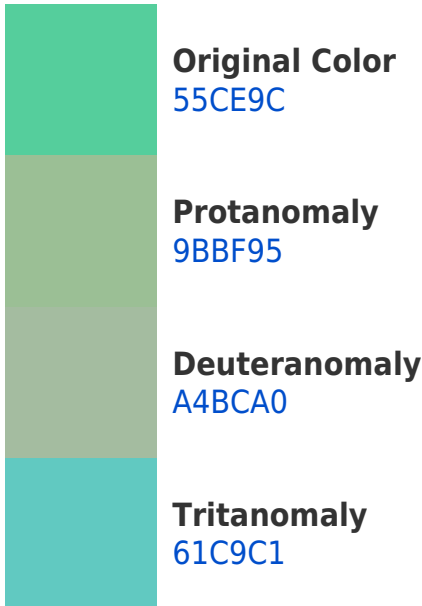
Dichromacy



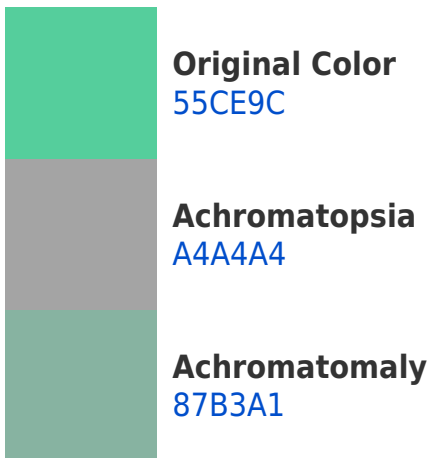


Tritanopia
68C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55CE9C 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 #55CE9C looks like.

```
.text, #text, p{  
    color:#55CE9C  
}
```

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 #55CE9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55CE9C
}
```

Border

The CSS property to change the border of an element to Hex 55CE9C 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
#55CE9C }
```

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

```
.border{ border-color:#55CE9C }
```

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

Here you see how a box with a 4 pixel #55CE9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55CE9C; -webkit-box-shadow:4px 4px  
4px 4px #55CE9C; box-shadow:4px 4px 4px  
4px #55CE9C }
```

Background

The CSS property to change the background color of an element to Hex 55CE9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55CE9C }
```

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

```
.background{ background-color:#55CE9C }
```

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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