

Converting Colors

Hex(55C68C)

Have a look what the booklet for
Hex(55C68C) contains.

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Color

Hex(55C68C)

Conversions

Conversions Part 1

Format	Color
Hex	55C68C
RGB	85, 198, 140
RGB Percent	33%, 78%, 55%
CMY	0.6667, 0.2235, 0.4510
CMYK	0.57, 0.00, 0.29, 0.22
HSL	149°, 50%, 55%
HSV	149°, 57%, 78%
XYZ	28.6740, 44.2129, 31.8336
YIQ	157.6010, -48.7300, -41.9940

Conversions

Conversions Part 2

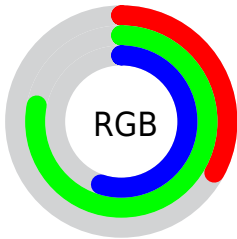
Format	Color
RYB	85, 161, 198
Decimal	5621388
CIELab	72.37, -45.57, 19.62
CIElCh	72, 49.612, 156.702
Yxy	44.2129, 0.2738, 0.4222
Android (android.graphics.Color)	4283811468 (0xFF55C68C)
YUV	157.6010, -8.6773, -63.6711
Hunter-Lab	66.4928, -39.3869, 18.1597

Details

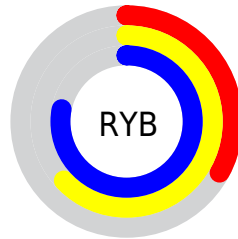
The Hex color **55C68C** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C6558F**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **8FFFC2**, and **068F5A** is the 20% darker color. If you saturate the color by 10%, you get **41C682**, and if you desaturate by 10%, it is **69C696**.

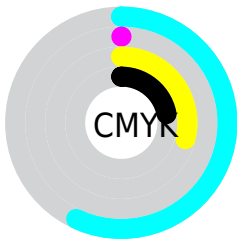
Distribution



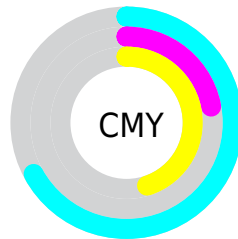
- Red (33%)
- Green (78%)
- Blue (55%)



- Red (33%)
- Yellow (63%)
- Blue (78%)



- Cyan (57%)
- Magenta (0%)
- Yellow (29%)
- Black (22%)



- Cyan (67%)
- Magenta (22%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55C68C 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 55C68C by changing the saturation by 10% instead.

 55C68C

 55C68C

FFFFFF

 36AA72

 8FFFC2

 068F5A

 ACFFDE

 007542

 C9FFFA

 005B2B

 E7FFFF

 004316

 002C00

 000F00

 000000

 55C68C

 55C68C

 41C682

 69C696

 2DC678

 7DC6A0

 1AC66E

 90C6AA

 06C663

 A4C6B5

 00C660

 B8C6BF

 CCC6C9

 E0C6D3

 F3C6DD

 FFC6E7

Harmonies

Analogous

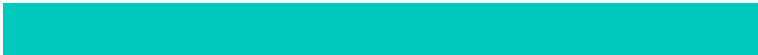
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93BF66



55C68C



00C9BB

Triad

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



55C68C



78B3FF



FF937E

Complementary

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



55C68C



C6558F

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.



FF8CA9



55C68C



C3A2FA

Square

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



55C68C



00C0FF



F292D6



EAA25E

Rectangle

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



55C68C



00C8D9



F292D6



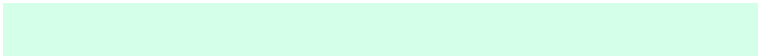
FF8F8B

Sweetspot

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



55C68C



D4FFE9



8FC655



668072



000000



808080

Same Dimension

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



55C68C



52FFA6



55C6C4



5A635E



00A34F



002411

Inverse Universe

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



C6558F



FF52AB



C65557



635A5F



A30054



240012

Previews

White Background



This preview shows how the Hex color 55C68C 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 55C68C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

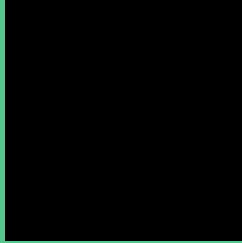
Any Text WCAG AA ✓ Pass

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 55C68C Background



This preview shows how black text looks on a background with the Hex color 55C68C.

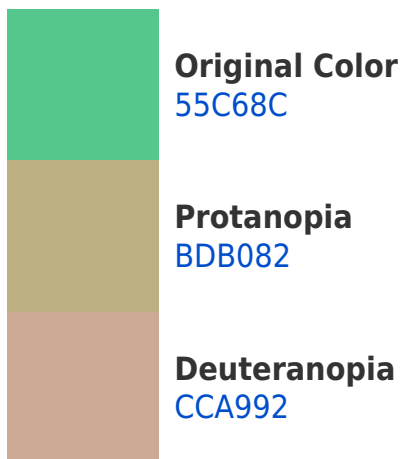


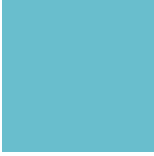
This preview shows how white text looks on a background with the Hex color 55C68C.

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](#).

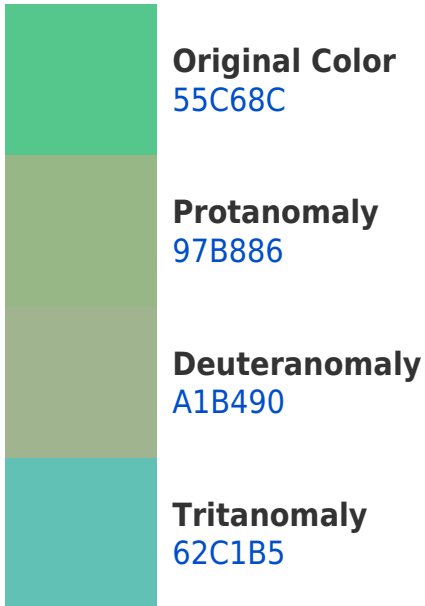
Dichromacy



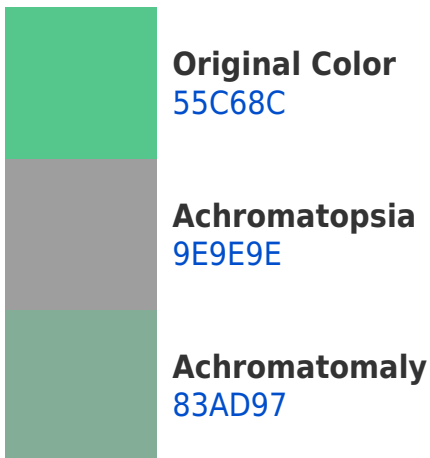


Tritanopia
69BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55C68C 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 #55C68C looks like.

```
.text, #text, p{  
    color:#55C68C  
}
```

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 #55C68C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55C68C
}
```

Border

The CSS property to change the border of an element to Hex 55C68C 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
#55C68C }
```

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

```
.border{ border-color:#55C68C }
```

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

Here you see how a box with a 4 pixel #55C68C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55C68C; -webkit-box-shadow:4px 4px  
4px 4px #55C68C; box-shadow:4px 4px 4px  
4px #55C68C }
```

Background

The CSS property to change the background color of an element to Hex 55C68C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55C68C }
```

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

```
.background{ background-color:#55C68C }
```

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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