

Converting Colors

Hex(59C68C)

Have a look what the booklet for
Hex(59C68C) contains.

Hex(59C68C)	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(59C68C)

Conversions

Conversions Part 1

Format	Color
Hex	59C68C
RGB	89, 198, 140
RGB Percent	35%, 78%, 55%
CMY	0.6510, 0.2235, 0.4510
CMYK	0.55, 0.00, 0.29, 0.22
HSL	148°, 49%, 56%
HSV	148°, 55%, 78%
XYZ	29.0475, 44.4055, 31.8511
YIQ	158.7970, -46.3460, -41.1460

Conversions

Conversions Part 2

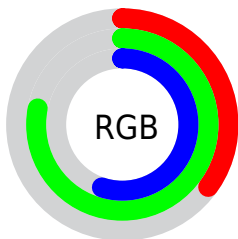
Format	Color
RYB	89, 163, 198
Decimal	5883532
CIELab	72.50, -44.67, 19.82
CIELCh	72, 48.868, 156.074
Yxy	44.4055, 0.2758, 0.4217
Android (android.graphics.Color)	4284073612 (0xFF59C68C)
YUV	158.7970, -9.2669, -61.2120
Hunter-Lab	66.6374, -38.8066, 18.3070

Details

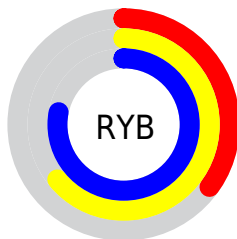
The Hex color **59C68C** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C65993**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **93FFC2**, and **148F5A** is the 20% darker color. If you saturate the color by 10%, you get **45C681**, and if you desaturate by 10%, it is **6DC697**.

Distribution



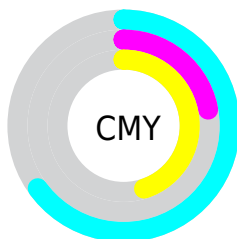
- Red (35%)
- Green (78%)
- Blue (55%)



- Red (35%)
- Yellow (64%)
- Blue (78%)



- Cyan (55%)
- Magenta (0%)
- Yellow (29%)
- Black (22%)



- Cyan (65%)
- Magenta (22%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59C68C 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 59C68C by changing the saturation by 10% instead.

 59C68C

 59C68C

FFFFFF

 3BAA72

 93FFC2

 148F5A

 AFFFDE

 007542

 CCFFFA

 005C2B

 EAFFFF

 004316

 002C00

 001000

 000000

 59C68C

 59C68C

 45C681

 6DC697

 31C677

 81C6A1

 1EC66C

 94C6AC

 0AC662

 A8C6B6

 00C65D

 BCC6C1

 D0C6CB

 E4C6D6

 F7C6E0

 FFC6EB

Harmonies

Analogous

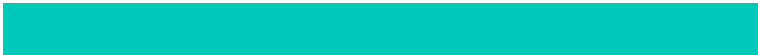
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95BE67



59C68C



00C9BA

Triad

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



59C68C



78B3FF



FF947F

Complementary

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



59C68C



C65993

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.



FF8DAA



59C68C



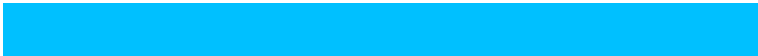
C2A3FA

Square

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



59C68C



00C0FF



F193D7



EAA360

Rectangle

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



59C68C



00C8D8



F193D7



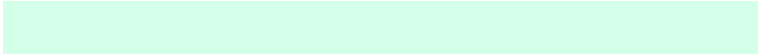
FF908D

Sweetspot

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



59C68C



D4FFE8



93C659



668072



000000



808080

Same Dimension

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



59C68C



57FFA5



59C6C2



5A635E



00A34C



002411

Inverse Universe

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



C65993



FF57B0



C6595D



635A5F



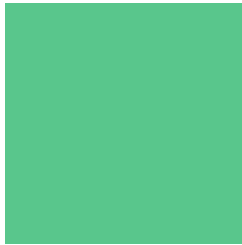
A30057



240013

Previews

White Background



This preview shows how the Hex color 59C68C looks on a white background.

Color Contrast Check

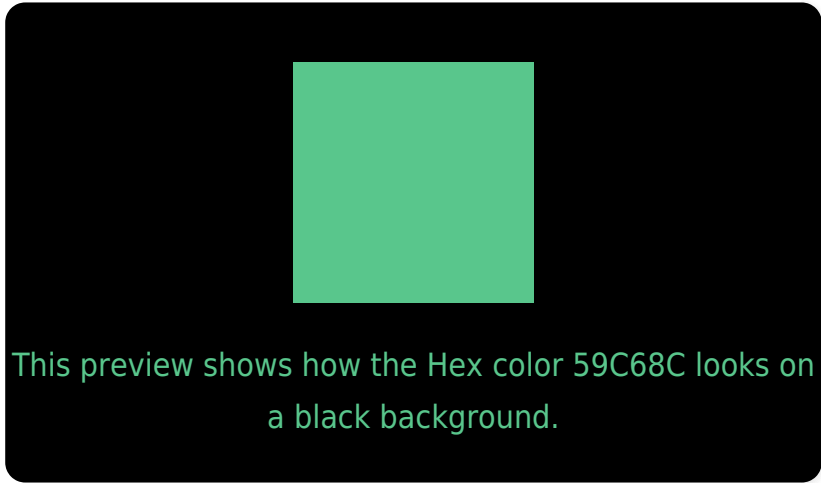
Large Text (above 18pt) WCAG AA × Fail

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

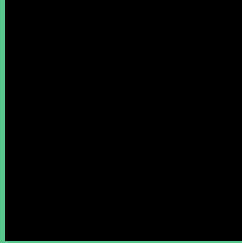
Any Text WCAG AA ✓ Pass

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 59C68C Background



This preview shows how black text looks on a background with the Hex color 59C68C.

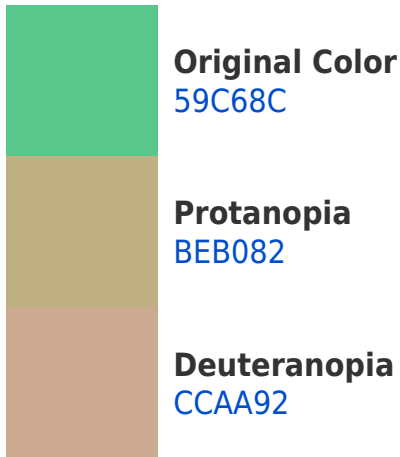


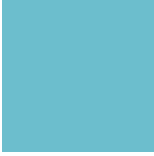
This preview shows how white text looks on a background with the Hex color 59C68C.

Color Blindness Simulation

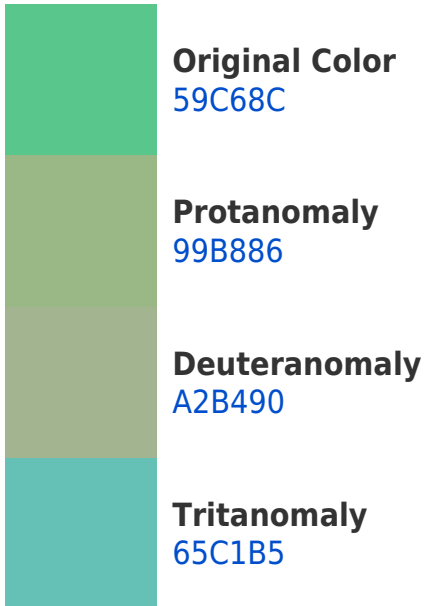
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

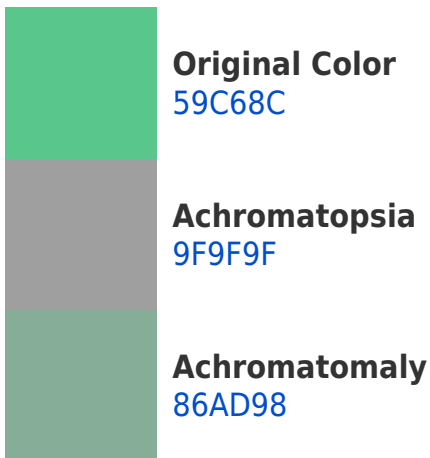




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 59C68C 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 #59C68C looks like.

```
.text, #text, p{  
    color:#59C68C  
}
```

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 #59C68C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59C68C
}
```

Border

The CSS property to change the border of an element to Hex 59C68C 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
#59C68C }
```

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

```
.border{ border-color:#59C68C }
```

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

Here you see how a box with a 4 pixel #59C68C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59C68C; -webkit-box-shadow:4px 4px  
4px 4px #59C68C; box-shadow:4px 4px 4px  
4px #59C68C }
```

Background

The CSS property to change the background color of an element to Hex 59C68C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59C68C }
```

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

```
.background{ background-color:#59C68C }
```

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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