

Converting Colors

Hex(58C3A3)

Have a look what the booklet for
Hex(58C3A3) contains.

Hex(58C3A3)	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(58C3A3)

Conversions

Conversions Part 1

Format	Color
Hex	58C3A3
RGB	88, 195, 163
RGB Percent	35%, 76%, 64%
CMY	0.6549, 0.2353, 0.3608
CMYK	0.55, 0.00, 0.16, 0.24
HSL	162°, 47%, 55%
HSV	162°, 55%, 76%
XYZ	30.1505, 43.7493, 41.5057
YIQ	159.3590, -53.5000, -32.6360

Conversions

Conversions Part 2

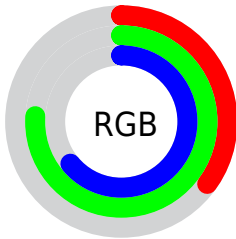
Format	Color
RYB	88, 151, 195
Decimal	5817251
CIELab	72.06, -38.57, 6.81
CIElCh	72, 39.168, 169.982
Yxy	43.7493, 0.2613, 0.3791
Android (android.graphics.Color)	4284007331 (0xFF58C3A3)
YUV	159.3590, 1.7950, -62.5818
Hunter-Lab	66.1432, -34.3839, 9.0951

Details

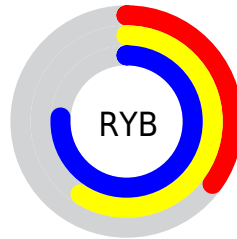
The Hex color **58C3A3** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **C35878**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **92FCDA**, and **118D6F** is the 20% darker color. If you saturate the color by 10%, you get **45C39D**, and if you desaturate by 10%, it is **6CC3A9**.

Distribution



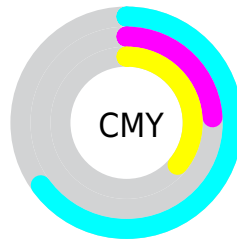
- Red (35%)
- Green (76%)
- Blue (64%)



- Red (35%)
- Yellow (59%)
- Blue (76%)



- Cyan (55%)
- Magenta (0%)
- Yellow (16%)
- Black (24%)



- Cyan (65%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58C3A3 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 58C3A3 by changing the saturation by 10% instead.



58C3A3



58C3A3

FFFFFF



39A789



92FCDA



118D6F



AFFFF6



007357



CCFFFF



005940



E9FFFF



00412A



002B15



000E00



000000



58C3A3



58C3A3

45C39D

6CC3A9

31C397

7FC3AF

1EC392

93C3B4

0AC38C

A6C3BA

00C389

BAC3C0

CDC3C6

E0C3CC

F4C3D2

FFC3D7

Harmonies

Analogous

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



87BE81



58C3A3



1FC4C8

Triad

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



58C3A3



A3ACF4



EC9E7B

Complementary

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



58C3A3



C35878

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.



F7969A



58C3A3



D29FDF

Square

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



58C3A3



67B8F6



EE96BE



D3AA6A

Rectangle

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



58C3A3



0CC2DD



EE96BE



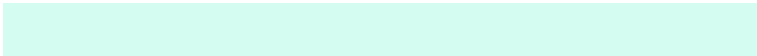
F19B84

Sweetspot

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



58C3A3



D4FCF0



78C358



678078



000000



808080

Same Dimension

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



58C3A3



56FCCB



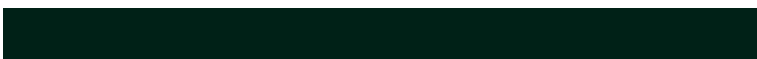
58AEC3



57615E



00A171



002117

Inverse Universe

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



C35878



FC5688



C36D58



61575A



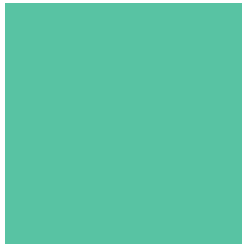
A10030



21000A

Previews

White Background



This preview shows how the Hex color 58C3A3 looks on a white background.

Color Contrast Check

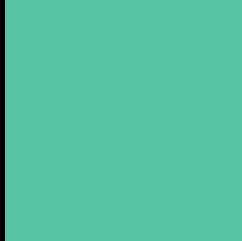
Large Text (above 18pt) WCAG AA × Fail

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 58C3A3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

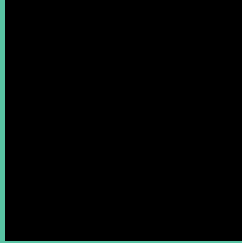
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

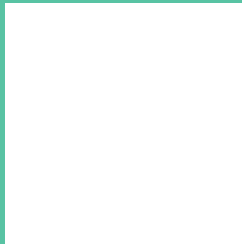
Any Text WCAG AAA ✓ Pass

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

Hex 58C3A3 Background



This preview shows how black text looks on a background with the Hex color 58C3A3.

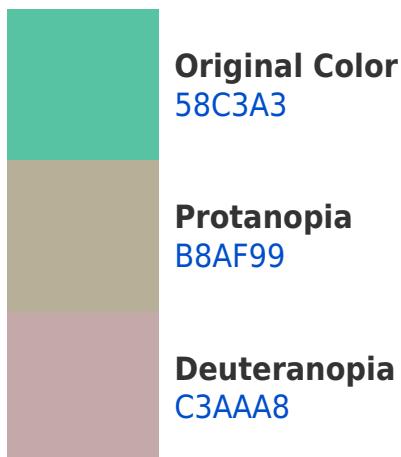


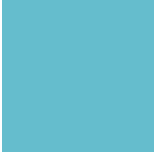
This preview shows how white text looks on a background with the Hex color 58C3A3.

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
65BDCD

Trichromacy



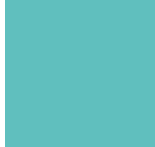
Original Color
58C3A3



Protanomaly
95B69D



Deuteranomaly
9CB3A6



Tritanomaly
60BFBE

Monochromacy



Original Color
58C3A3



Achromatopsia
9F9F9F



Achromatomaly
85ACA0

CSS Examples

Text

The CSS property to change the color of the text to Hex 58C3A3 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 #58C3A3 looks like.

```
.text, #text, p{  
    color:#58C3A3  
}
```

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 #58C3A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58C3A3
}
```

Border

The CSS property to change the border of an element to Hex 58C3A3 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
#58C3A3 }
```

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

```
.border{ border-color:#58C3A3 }
```

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

Here you see how a box with a 4 pixel #58C3A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58C3A3; -webkit-box-shadow:4px 4px  
4px 4px #58C3A3; box-shadow:4px 4px 4px  
4px #58C3A3 }
```

Background

The CSS property to change the background color of an element to Hex 58C3A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58C3A3 }
```

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

```
.background{ background-color:#58C3A3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor