

Converting Colors

Hex(58A896)

Have a look what the booklet for
Hex(58A896) contains.

Hex(58A896)	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(58A896)

Conversions

Conversions Part 1

Format	Color
Hex	58A896
RGB	88, 168, 150
RGB Percent	35%, 66%, 59%
CMY	0.6549, 0.3412, 0.4118
CMYK	0.48, 0.00, 0.11, 0.34
HSL	167°, 31%, 50%
HSV	167°, 48%, 66%
XYZ	23.5322, 32.2820, 33.8449
YIQ	142.0280, -41.9020, -22.5580

Conversions

Conversions Part 2

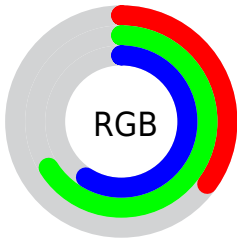
Format	Color
RYB	88, 133, 168
Decimal	5810326
CIELab	63.58, -29.03, 1.72
CIElCh	64, 29.085, 176.612
Yxy	32.2820, 0.2625, 0.3601
Android (android.graphics.Color)	4284000406 (0xFF58A896)
YUV	142.0280, 3.9302, -47.3826
Hunter-Lab	56.8172, -25.5003, 4.4542

Details

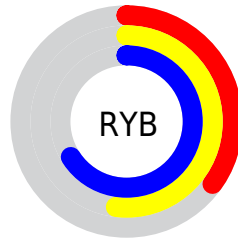
The Hex color **58A896** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A8586A**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **8FE0CC**, and **1E7363** is the 20% darker color. If you saturate the color by 10%, you get **47A892**, and if you desaturate by 10%, it is **69A89A**.

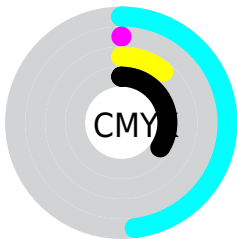
Distribution



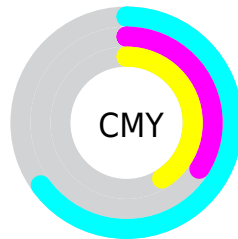
- Red (35%)
- Green (66%)
- Blue (59%)



- Red (35%)
- Yellow (52%)
- Blue (66%)



- Cyan (48%)
- Magenta (0%)
- Yellow (11%)
- Black (34%)



- Cyan (65%)
- Magenta (34%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58A896 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 58A896 by changing the saturation by 10% instead.

 58A896

 58A896

FFFFFF

 3C8D7C

 8FE0CC

 1E7363

 ABFCE8

 005A4B

 C7FFFF

 004235

 E4FFFF

 002C20

 001508

 000000

 58A896

 58A896

 47A892

 69A89A

 36A88E

 7AA89E

 26A88B

 8AA8A1

 15A887

 9BA8A5

 04A883

 ACA8A9

 00A882

 BDA8AD

 CEA8B0

 DEA8B4

 EFA8B8

Harmonies

Analogous

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



76A57D



58A896



44A8B0

Triad

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



58A896



9994C8



C38F70

Complementary

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



58A896



A8586A

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.



CD8884



58A896



B88CB7

Square

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



58A896



739DCD



CA879E



AF9766

Rectangle

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



58A896



48A6BF



CA879E



C88C75

Sweetspot

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



58A896



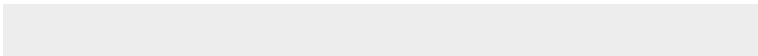
BDDBD4



6BA858



5B6E69



EDEDED



6E6E6E

Same Dimension

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



58A896



5EDBBF



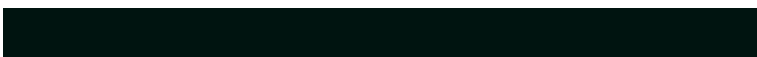
5893A8



4C5452



009473



001410

Inverse Universe

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



A8586A



DB5E7A



A86D58



544C4E



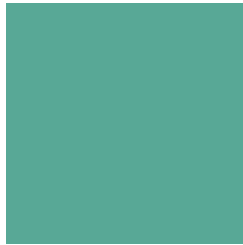
940021



140005

Previews

White Background



This preview shows how the Hex color 58A896 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 58A896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

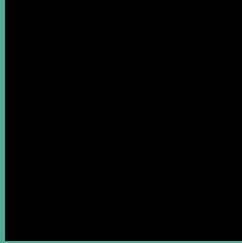
Any Text WCAG AA ✓ Pass

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 58A896 Background



This preview shows how black text looks on a background with the Hex color 58A896.

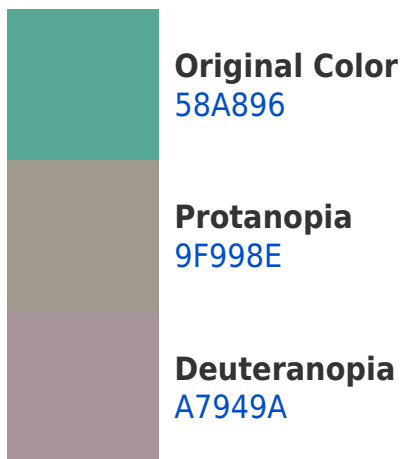


This preview shows how white text looks on a background with the Hex color 58A896.

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](#).

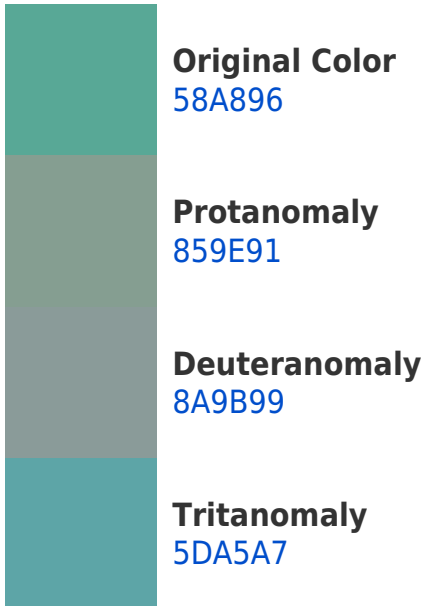
Dichromacy



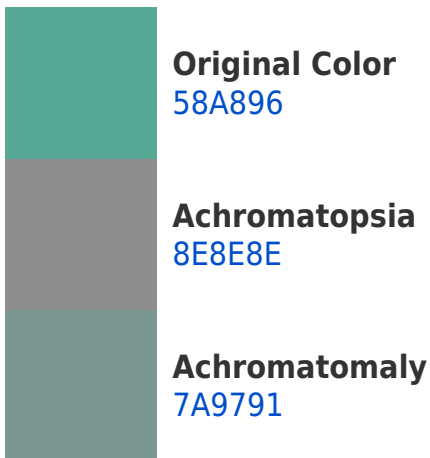


Tritanopia
60A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 58A896 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 #58A896 looks like.

```
.text, #text, p{  
    color:#58A896  
}
```

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 #58A896 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58A896
}
```

Border

The CSS property to change the border of an element to Hex 58A896 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
#58A896 }
```

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

```
.border{ border-color:#58A896 }
```

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

Here you see how a box with a 4 pixel #58A896 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58A896; -webkit-box-shadow:4px 4px  
4px 4px #58A896; box-shadow:4px 4px 4px  
4px #58A896 }
```

Background

The CSS property to change the background color of an element to Hex 58A896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58A896 }
```

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

```
.background{ background-color:#58A896 }
```

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