

Converting Colors

Hex(58A799)

Have a look what the booklet for
Hex(58A799) contains.

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Color

Hex(58A799)

Conversions

Conversions Part 1

Format	Color
Hex	58A799
RGB	88, 167, 153
RGB Percent	35%, 65%, 60%
CMY	0.6549, 0.3451, 0.4000
CMYK	0.47, 0.00, 0.08, 0.35
HSL	169°, 31%, 50%
HSV	169°, 47%, 65%
XYZ	23.5930, 32.0120, 35.0725
YIQ	141.7830, -42.5900, -21.1020

Conversions

Conversions Part 2

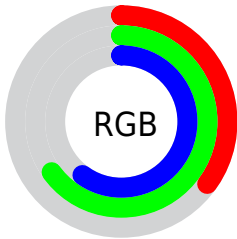
Format	Color
RYB	88, 131, 167
Decimal	5810073
CIELab	63.35, -27.81, -0.28
CIELCh	63, 27.807, 180.583
Yxy	32.0120, 0.2602, 0.3530
Android (android.graphics.Color)	4284000153 (0xFF58A799)
YUV	141.7830, 5.5300, -47.1677
Hunter-Lab	56.5792, -24.5808, 2.8526

Details

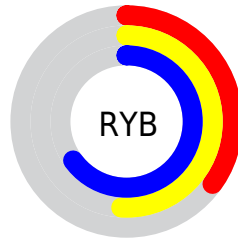
The Hex color **58A799** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A75866**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **8FDECF**, and **1E7366** is the 20% darker color. If you saturate the color by 10%, you get **47A796**, and if you desaturate by 10%, it is **69A79C**.

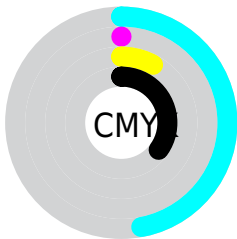
Distribution



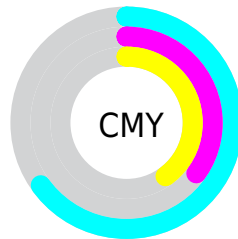
- Red (35%)
- Green (65%)
- Blue (60%)



- Red (35%)
- Yellow (51%)
- Blue (65%)



- Cyan (47%)
- Magenta (0%)
- Yellow (8%)
- Black (35%)



- Cyan (65%)
- Magenta (35%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58A799 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 58A799 by changing the saturation by 10% instead.

 58A799

 58A799

FFFFFF

 3C8C7F

 8FDECF

 1E7366

 ABFBEB

 005A4E

 C7FFFF

 004237

 E4FFFF

 002B22

 00140C

 000000

 58A799

 58A799

 47A796

 69A79C

■ 37A793

■ 79A79F

■ 26A790

■ 8AA7A2

■ 15A78D

■ 9BA7A5

■ 05A78A

■ ABA7A8

■ 00A789

■ BCA7AB

■ CDA7AE

■ DEA7B1

■ EEA7B4

Harmonies

Analogous

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



73A580



58A799



4AA6B2

Triad

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



58A799



9D93C4



BF906F

Complementary

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



58A799



A75866

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.



CA8981



58A799



B98BB2

Square

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



58A799



7A9CCA



C9879A



AA9868

Rectangle

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



58A799



50A4BF



C9879A



C48D74

Sweetspot

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



58A799



BAD9D3



66A758



5B6E6A



EDEDED



6E6E6E

Same Dimension

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



58A799



5DD9C3



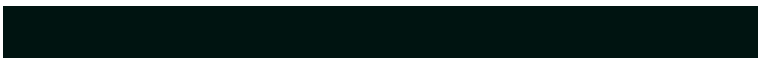
588EA7



4C5453



00947A



001411

Inverse Universe

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



A75866



D95D73



A77158



544C4D



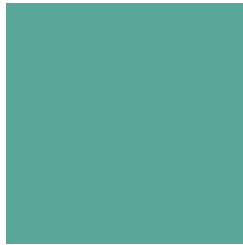
94001A



140004

Previews

White Background



This preview shows how the Hex color 58A799 looks on a white background.

Color Contrast Check

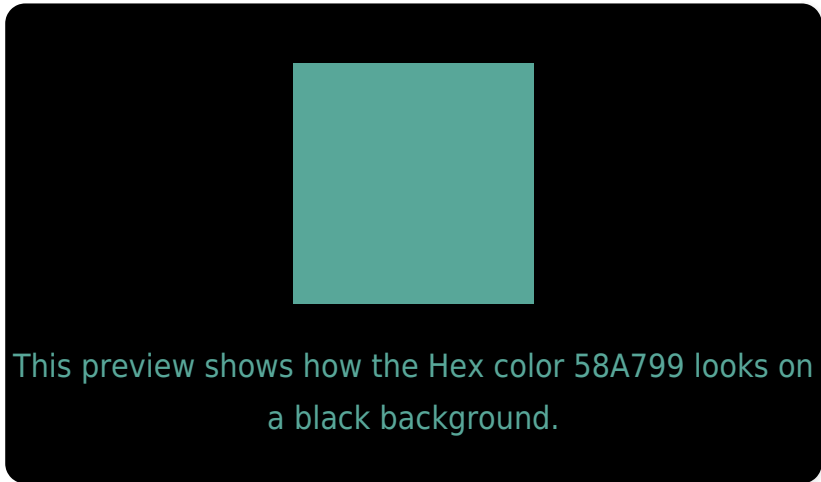
Large Text (above 18pt) WCAG AA × Fail

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

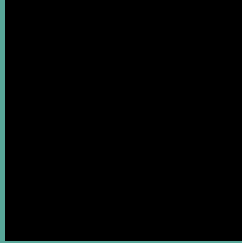
Any Text WCAG AA ✓ Pass

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 58A799 Background



This preview shows how black text looks on a background with the Hex color 58A799.

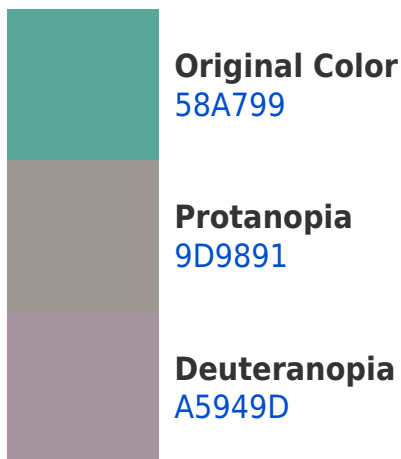


This preview shows how white text looks on a background with the Hex color 58A799.

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](#).

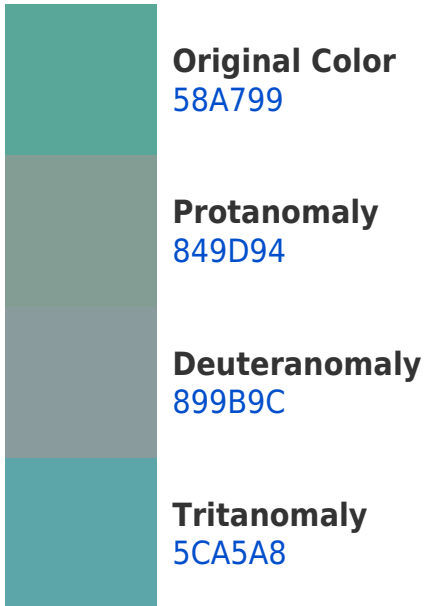
Dichromacy



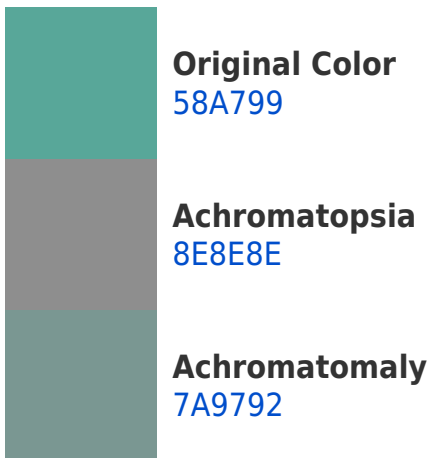


Tritanopia
5FA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 58A799 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 #58A799 looks like.

```
.text, #text, p{  
    color:#58A799  
}
```

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 #58A799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58A799
}
```

Border

The CSS property to change the border of an element to Hex 58A799 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
#58A799 }
```

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

```
.border{ border-color:#58A799 }
```

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

Here you see how a box with a 4 pixel #58A799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58A799; -webkit-box-shadow:4px 4px  
4px 4px #58A799; box-shadow:4px 4px 4px  
4px #58A799 }
```

Background

The CSS property to change the background color of an element to Hex 58A799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58A799 }
```

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

```
.background{ background-color:#58A799 }
```

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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