

Converting Colors

Hex(5CA896)

Have a look what the booklet for
Hex(5CA896) contains.

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Color

Hex(5CA896)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5CA896 |
| RGB | 92, 168, 150 |
| RGB Percent | 36%, 66%, 59% |
| CMY | 0.6392, 0.3412, 0.4118 |
| CMYK | 0.45, 0.00, 0.11, 0.34 |
| HSL | 166°, 30%, 51% |
| HSV | 166°, 45%, 66% |
| XYZ | 23.9213, 32.4826, 33.8631 |
| YIQ | 143.2240, -39.5180, -21.7100 |

Conversions

Conversions Part 2

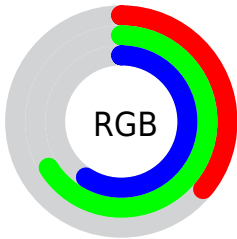
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 92, 135, 168 |
| Decimal | 6072470 |
| CIELab | 63.74, -28.02, 1.98 |
| CIELCh | 64, 28.092, 175.962 |
| Yxy | 32.4826, 0.2650, 0.3598 |
| Android (android.graphics.Color) | 4284262550 (0xFF5CA896) |
| YUV | 143.2240, 3.3406, -44.9234 |
| Hunter-Lab | 56.9935, -24.8187, 4.6678 |

Details

The Hex color **5CA896** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A85C6E**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **92E0CC**, and **247363** is the 20% darker color. If you saturate the color by 10%, you get **4BA892**, and if you desaturate by 10%, it is **6DA89A**.

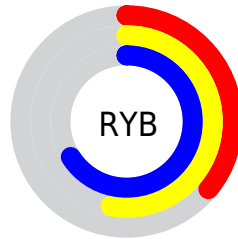
Distribution



Red (36%)

Green (66%)

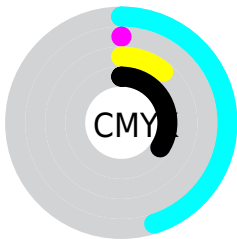
Blue (59%)



Red (36%)

Yellow (53%)

Blue (66%)

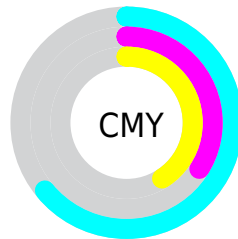


Cyan (45%)

Magenta (0%)

Yellow (11%)

Black (34%)



Cyan (64%)

Magenta (34%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CA896 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 5CA896 by changing the saturation by 10% instead.

 5CA896

 5CA896

FFFFFF

 418D7C

 92E0CC

 247363

 AEFCE8

 005B4B

 CBFFFF

 004335

 E8FFFF

 002C20

 001608

 000000

 5CA896

 5CA896

 4BA892

 6DA89A

3AA88E

7EA89E

2AA88A

8EA8A2

19A886

9FA8A6

08A882

B0A8AA

00A880

C1A8AE

D2A8B2

E2A8B6

F3A8BA

Harmonies

Analogous

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



78A57E



5CA896



4AA8AF

Triad

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



5CA896



9995C7



C38F72

Complementary

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



5CA896



A85C6E

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.



CC8986



5CA896



B78DB7

Square

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



5CA896



759ECC



C9889F



AF9869

Rectangle

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



5CA896



4DA6BE



C9889F



C78D78

Sweetspot

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



5CA896



BDDBD4



6FA85C



5B6E69



EDEDED



6E6E6E

Same Dimension

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



5CA896



65DBBF



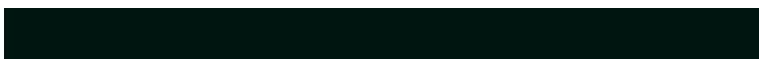
5C95A8



4C5452



009471



001410

Inverse Universe

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



A85C6E



DB6581



A86F5C



544C4E



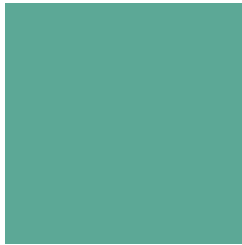
940023



140005

Previews

White Background



This preview shows how the Hex color 5CA896 looks on a white background.

Color Contrast Check

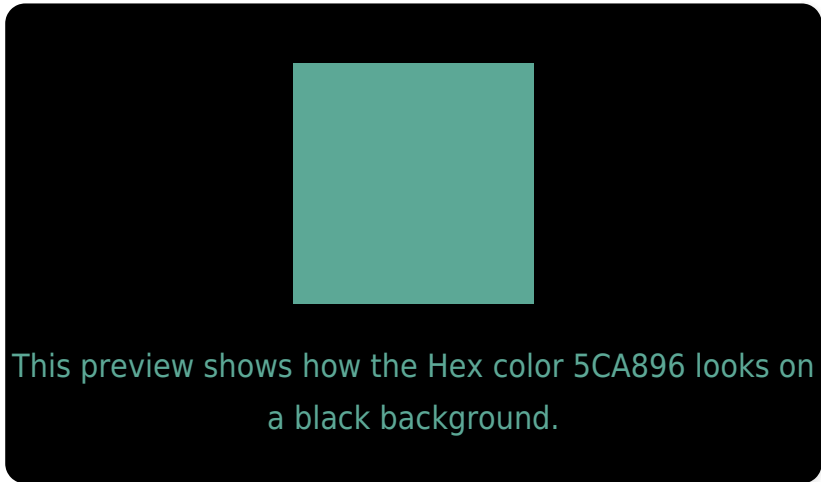
Large Text (above 18pt) WCAG AA × Fail

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

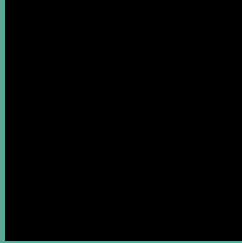
Any Text WCAG AA ✓ Pass

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 5CA896 Background



This preview shows how black text looks on a background with the Hex color 5CA896.

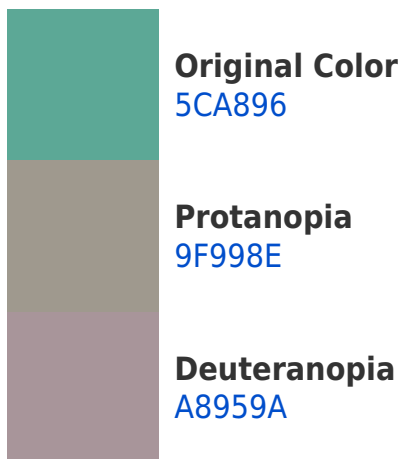


This preview shows how white text looks on a background with the Hex color 5CA896.

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](#).

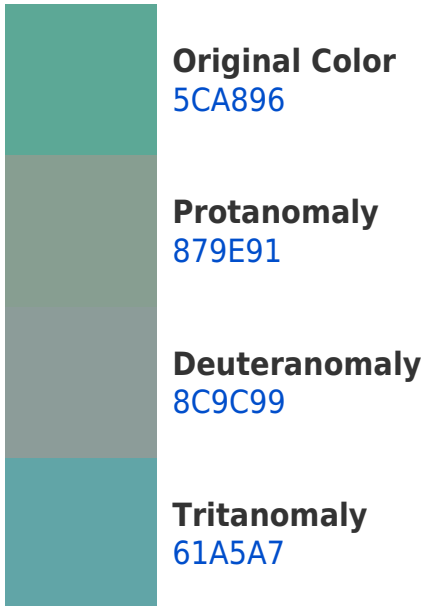
Dichromacy



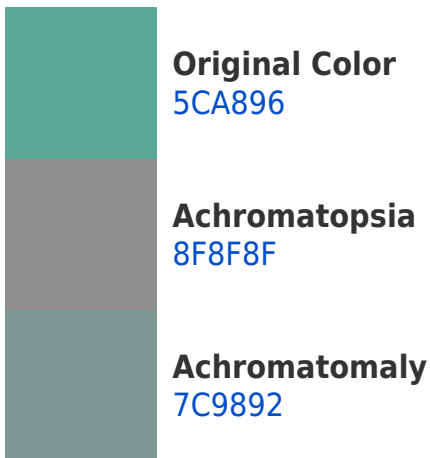


Tritanopia
64A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5CA896 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 #5CA896 looks like.

```
.text, #text, p{  
    color:#5CA896  
}
```

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 #5CA896 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CA896
}
```

Border

The CSS property to change the border of an element to Hex 5CA896 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
#5CA896 }
```

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

```
.border{ border-color:#5CA896 }
```

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

Here you see how a box with a 4 pixel #5CA896 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CA896; -webkit-box-shadow:4px 4px  
4px 4px #5CA896; box-shadow:4px 4px 4px  
4px #5CA896 }
```

Background

The CSS property to change the background color of an element to Hex 5CA896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CA896 }
```

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

```
.background{ background-color:#5CA896 }
```

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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