

# Converting Colors

Hex(5CA994)

Have a look what the booklet for  
Hex(5CA994) contains.

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**Color**

**Hex(5CA994)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CA994
RGB	92, 169, 148
RGB Percent	36%, 66%, 58%
CMY	0.6392, 0.3373, 0.4196
CMYK	0.46, 0.00, 0.12, 0.34
HSL	164°, 31%, 51%
HSV	164°, 46%, 66%
XYZ	23.9469, 32.7894, 33.0838
YIQ	143.5830, -39.1510, -22.8550

# Conversions

## Conversions Part 2

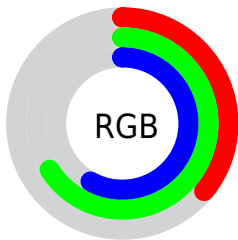
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 137, 169
Decimal	6072724
CIELab	63.99, -28.99, 3.46
CIELCh	64, 29.194, 173.199
Yxy	32.7894, 0.2666, 0.3651
Android (android.graphics.Color)	4284262804 (0xFF5CA994)
YUV	143.5830, 2.1776, -45.2383
Hunter-Lab	57.2620, -25.5600, 5.8279

# Details

The Hex color **5CA994** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A95C71**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **92E1CA**, and **247461** is the 20% darker color. If you saturate the color by 10%, you get **4BA98F**, and if you desaturate by 10%, it is **6DA999**.

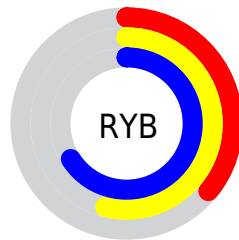
# Distribution



Red (36%)

Green (66%)

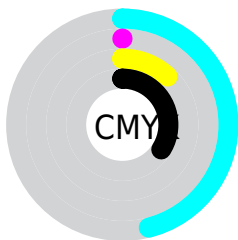
Blue (58%)



Red (36%)

Yellow (54%)

Blue (66%)

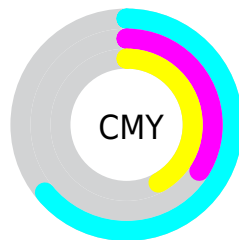


Cyan (46%)

Magenta (0%)

Yellow (12%)

Black (34%)



Cyan (64%)

Magenta (34%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CA994 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 5CA994 by changing the saturation by 10% instead.



 5CA994

 5CA994

FFFFFF

 418E7A

 92E1CA

 247461

 AEFDE6

 005B4A

 CBFFFF

 004333

 E8FFFF

 002C1E

 001705

 000000

 5CA994

 5CA994

 4BA98F

 6DA999

■ 3AA98B

■ 7EA99D

■ 29A986

■ 8FA9A2

■ 18A982

■ A0A9A6

■ 07A97D

■ B0A9AB

■ 00A97B

■ C1A9B0

■ D2A9B4

■ E3A9B9

■ F4A9BD

# Harmonies

## Analogous

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



7AA67B



5CA994



46A9AF

# Triad

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



5CA994



9696CB



C68F72

# Complementary

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



5CA994



A95C71

# 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.



CF8988



5CA994



B78EBB

# Square

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



5CA994



6F9FCE



CA88A2



B39767

# Rectangle

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



5CA994



47A7BE



CA88A2



CA8C79



# Sweetspot

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



5CA994



BDDBD3



72A95C



5B6E69



EDEDED



6E6E6E



# Same Dimension

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



5CA994



63DBBA



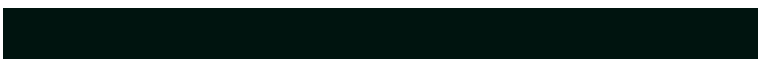
5C98A9



4C5452



00946C



00140F



# Inverse Universe

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



A95C71



DB6384



A96D5C



544C4E



940028

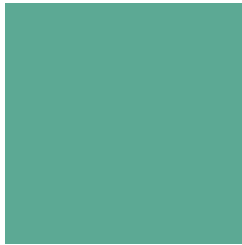


140006



# Previews

## White Background



This preview shows how the Hex color 5CA994 looks on a white background.

## Color Contrast Check

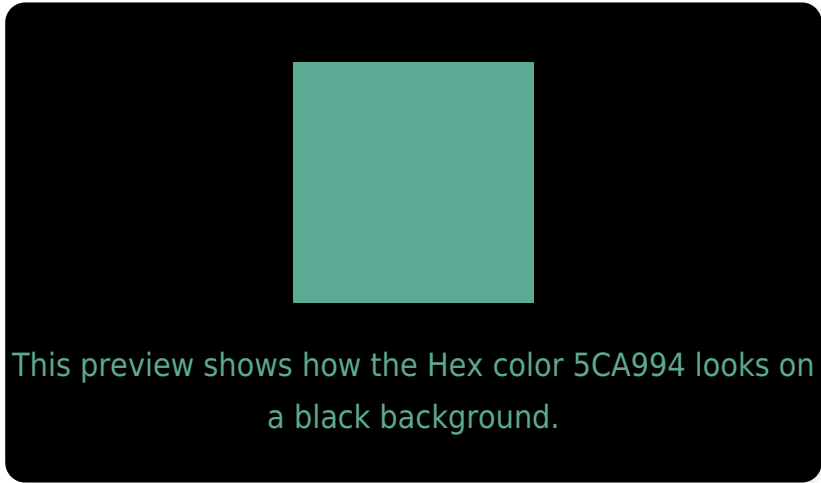
Large Text (above 18pt) WCAG AA × Fail

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

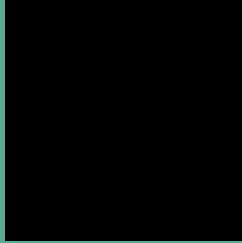
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5CA994 Background



This preview shows how black text looks on a background with the Hex color 5CA994.

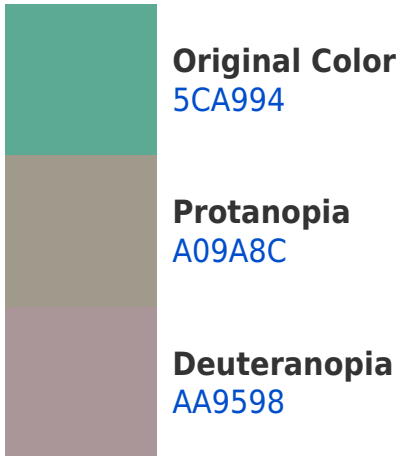


This preview shows how white text looks on a background with the Hex color 5CA994.

# 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](#).

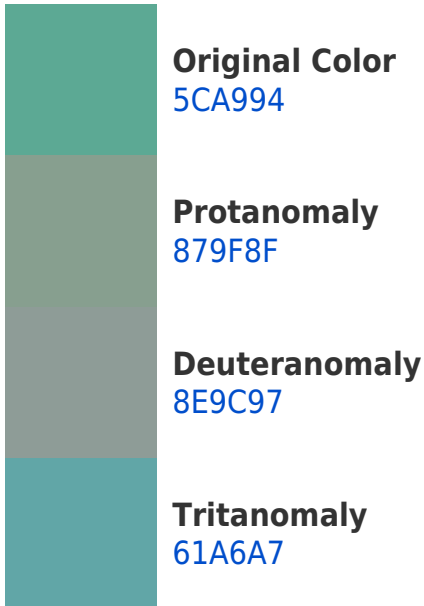
## Dichromacy





**Tritanopia**  
64A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CA994 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 #5CA994 looks like.

```
.text, #text, p{  
    color:#5CA994  
}
```

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 #5CA994 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CA994
}
```

## Border

The CSS property to change the border of an element to Hex 5CA994 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
#5CA994 }
```

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

```
.border{ border-color:#5CA994 }
```

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

Here you see how a box with a 4 pixel #5CA994 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CA994; -webkit-box-shadow:4px 4px  
4px 4px #5CA994; box-shadow:4px 4px 4px  
4px #5CA994 }
```

# Background

The CSS property to change the background color of an element to Hex 5CA994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CA994 }
```

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

```
.background{ background-color:#5CA994 }
```

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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