

# Converting Colors

Hex(5CBA8A)

Have a look what the booklet for  
Hex(5CBA8A) contains.

<b>Hex(5CBA8A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(5CBA8A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CBA8A
RGB	92, 186, 138
RGB Percent	36%, 73%, 54%
CMY	0.6392, 0.2706, 0.4588
CMYK	0.51, 0.00, 0.26, 0.27
HSL	149°, 41%, 55%
HSV	149°, 51%, 73%
XYZ	26.5600, 39.2281, 30.2167
YIQ	152.4220, -40.6160, -34.8560

# Conversions

## Conversions Part 2

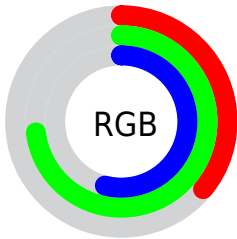
Format	Color
<b>RYB</b>	92, 155, 186
Decimal	6077066
CIELab	68.92, -39.13, 15.95
CIElCh	69, 42.256, 157.820
Yxy	39.2281, 0.2767, 0.4086
Android (android.graphics.Color)	4284267146 (0xFF5CBA8A)
YUV	152.4220, -7.1100, -52.9901
Hunter-Lab	62.6323, -33.9116, 15.2385

# Details

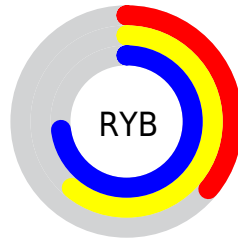
The Hex color **5CBA8A** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BA5C8C**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **94F3C0**, and **208458** is the 20% darker color. If you saturate the color by 10%, you get **49BA81**, and if you desaturate by 10%, it is **6FBA93**.

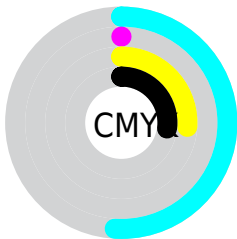
# Distribution



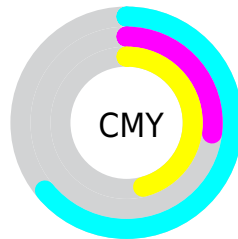
- Red (36%)
- Green (73%)
- Blue (54%)



- Red (36%)
- Yellow (61%)
- Blue (73%)



- Cyan (51%)
- Magenta (0%)
- Yellow (26%)
- Black (27%)



- Cyan (64%)
- Magenta (27%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CBA8A 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 5CBA8A by changing the saturation by 10% instead.



 5CBA8A

 5CBA8A

FFFFFF

 409F70

 94F3C0

 208458

 B0FFDB

 006A40

 CDFFF8

 00512A

 EAFFFF

 003915

 002500

 000000

 5CBA8A

 5CBA8A

 49BA81

 6FBA93

 37BA77

 81BA9D

 24BA6E

 94BAA6

 12BA64

 A6BAB0

 00BA5B

 B9BAB9

 CCBAC3

 DEBACC

 F1BAD6

 FFBADF

# Harmonies

## Analogous

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



8DB46A



5CBA8A



00BCB1

# Triad

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



5CBA8A



7EA9F4



ED8F7B

# Complementary

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



5CBA8A



BA5C8C

# 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.



F1899F



5CBA8A



B99AE5

# Square

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



5CBA8A



27B4EE



E08EC6



D89C62

# Rectangle

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



5CBA8A



00BCCB



E08EC6



F18C86



# Sweetspot

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



5CBA8A



CEF2E0



8DBA5C



647A6F



FAFAFA



7A7A7A



# Same Dimension

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



5CBA8A



5EF2A7



5CBAB8



535C57



009C4C



001C0E



# Inverse Universe

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



BA5C8C



F25EAA



BA5C5E



5C5357



9C004F



1C000E



# Previews

## White Background



This preview shows how the Hex color 5CBA8A looks on a white background.

## Color Contrast Check

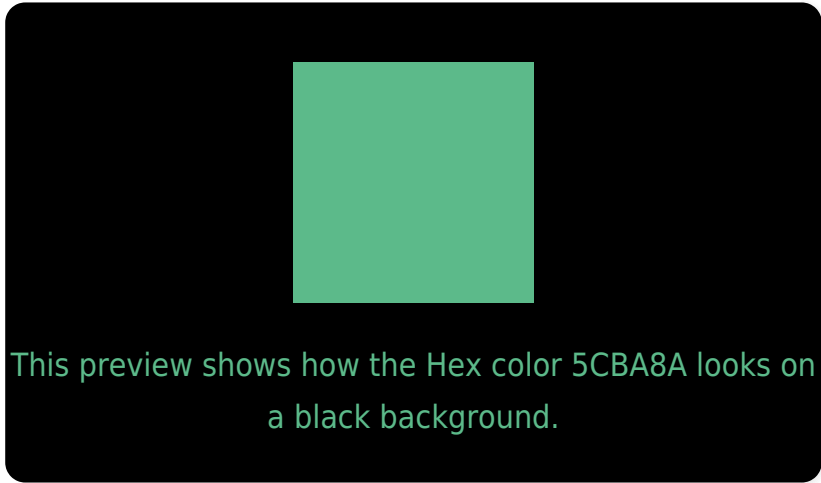
Large Text (above 18pt) WCAG AA × Fail

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

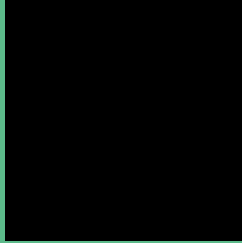
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5CBA8A Background



This preview shows how black text looks on a background with the Hex color 5CBA8A.

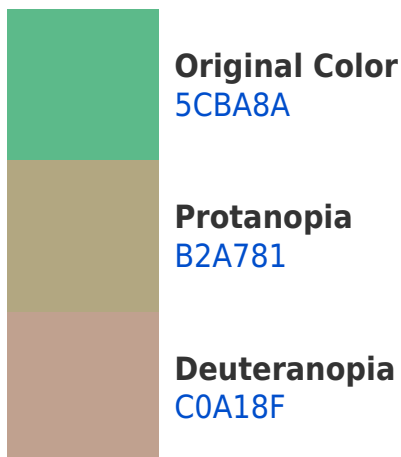


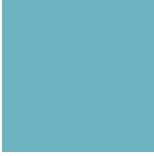
This preview shows how white text looks on a background with the Hex color 5CBA8A.

# 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](#).

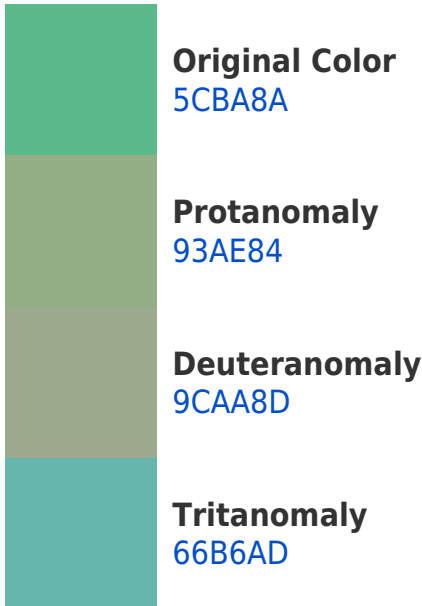
## Dichromacy





**Tritanopia**  
6BB3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CBA8A 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 #5CBA8A looks like.

```
.text, #text, p{  
    color:#5CBA8A  
}
```

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 #5CBA8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CBA8A
}
```

## Border

The CSS property to change the border of an element to Hex 5CBA8A 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
#5CBA8A }
```

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

```
.border{ border-color:#5CBA8A }
```

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

Here you see how a box with a 4 pixel #5CBA8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CBA8A; -webkit-box-shadow:4px 4px  
4px 4px #5CBA8A; box-shadow:4px 4px 4px  
4px #5CBA8A }
```

# Background

The CSS property to change the background color of an element to Hex 5CBA8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CBA8A }
```

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

```
.background{ background-color:#5CBA8A }
```

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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