

Converting Colors

Hex(5BB98A)

Have a look what the booklet for
Hex(5BB98A) contains.

Hex(5BB98A)	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(5BB98A)

Conversions

Conversions Part 1

Format	Color
Hex	5BB98A
RGB	91, 185, 138
RGB Percent	36%, 73%, 54%
CMY	0.6431, 0.2745, 0.4588
CMYK	0.51, 0.00, 0.25, 0.27
HSL	150°, 40%, 54%
HSV	150°, 51%, 73%
XYZ	26.2508, 38.7570, 30.1421
YIQ	151.5360, -40.9370, -34.5450

Conversions

Conversions Part 2

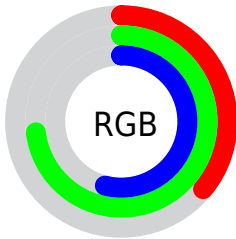
Format	Color
RYB	91, 154, 185
Decimal	6011274
CIELab	68.57, -38.93, 15.47
CIELCh	69, 41.894, 158.327
Yxy	38.7570, 0.2759, 0.4073
Android (android.graphics.Color)	4284201354 (0xFF5BB98A)
YUV	151.5360, -6.6732, -53.0901
Hunter-Lab	62.2552, -33.6794, 14.8722

Details

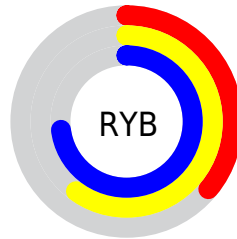
The Hex color **5BB98A** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B95B8A**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **93F2C0**, and **1E8358** is the 20% darker color. If you saturate the color by 10%, you get **49B981**, and if you desaturate by 10%, it is **6EB993**.

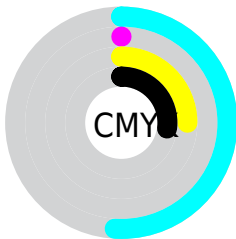
Distribution



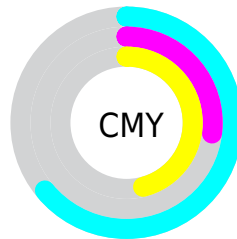
- Red (36%)
- Green (73%)
- Blue (54%)



- Red (36%)
- Yellow (60%)
- Blue (73%)



- Cyan (51%)
- Magenta (0%)
- Yellow (25%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 5BB98A 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 5BB98A by changing the saturation by 10% instead.

 5BB98A

 5BB98A


FFFFFF

 3F9E70

 93F2C0

 1E8358

 AFFFDB

 006940

 CCFFF8

 00512A

 E9FFFF

 003915

 002400

 000000

 5BB98A

 5BB98A

 49B981

 6EB993

 36B978

 80B99D

 24B96E

 93B9A6

 11B965

 A5B9AF

 00B95D

 B8B9B8

 CAB9C2

 DDB9CB

 EFB9D4

 FFB9DD

Harmonies

Analogous

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



8CB36A



5BB98A



00BBB1

Triad

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



5BB98A



7FA8F2



EB8F7A

Complementary

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



5BB98A



B95B8A

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.



F0899E



5BB98A



B999E3

Square

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



5BB98A



2BB3ED



DF8DC4



D69B61

Rectangle

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



5BB98A



00BACA



DF8DC4



EF8C85

Sweetspot

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



5BB98A



CCF0DE



8AB95B



62786D



F7F7F7



787878

Same Dimension

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



5BB98A



5DF0A7



5BB9B9



535C57



009C4E



001C0E

Inverse Universe

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



B95B8A



F05DA7



B95B5B



5C5357



9C004E



1C000E

Previews

White Background



This preview shows how the Hex color 5BB98A looks on a white background.

Color Contrast Check

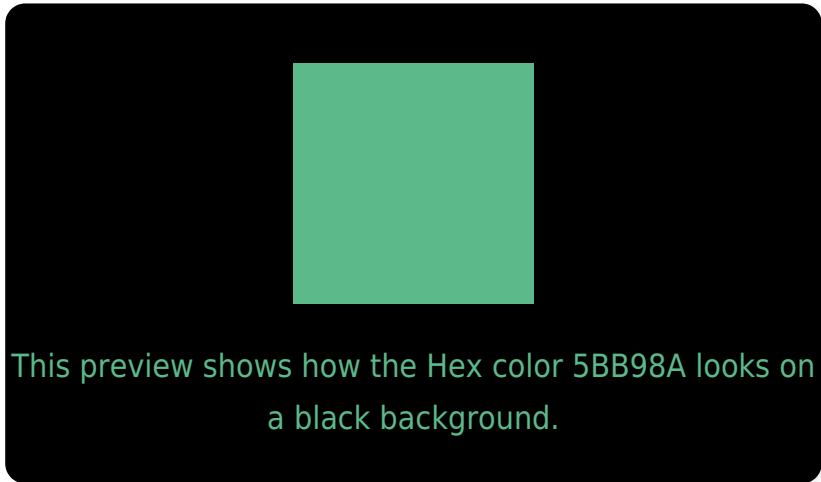
Large Text (above 18pt) WCAG AA × Fail

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

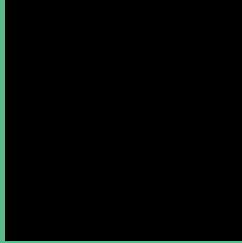
Any Text WCAG AA ✓ Pass

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 5BB98A Background



This preview shows how black text looks on a background with the Hex color 5BB98A.



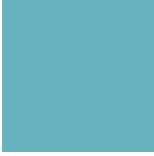
This preview shows how white text looks on a background with the Hex color 5BB98A.

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](#).

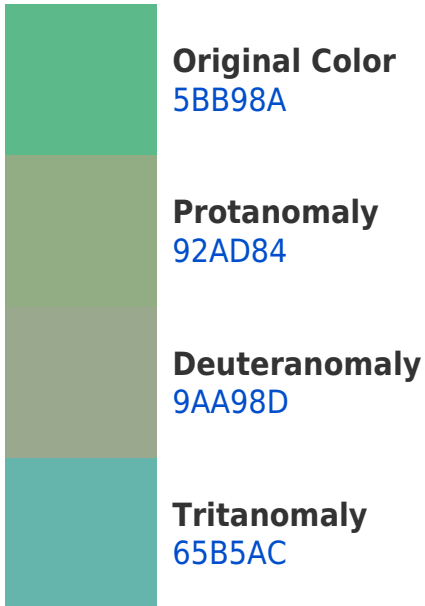
Dichromacy





Tritanopia
6AB2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BB98A 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 #5BB98A looks like.

```
.text, #text, p{  
    color:#5BB98A  
}
```

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 #5BB98A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BB98A
}
```

Border

The CSS property to change the border of an element to Hex 5BB98A 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
#5BB98A }
```

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

```
.border{ border-color:#5BB98A }
```

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

Here you see how a box with a 4 pixel #5BB98A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BB98A; -webkit-box-shadow:4px 4px  
4px 4px #5BB98A; box-shadow:4px 4px 4px  
4px #5BB98A }
```

Background

The CSS property to change the background color of an element to Hex 5BB98A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BB98A }
```

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

```
.background{ background-color:#5BB98A }
```

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