

Converting Colors

Hex(5BBC9A)

Have a look what the booklet for
Hex(5BBC9A) contains.

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Color

Hex(5BBC9A)

Conversions

Conversions Part 1

Format	Color
Hex	5BBC9A
RGB	91, 188, 154
RGB Percent	36%, 74%, 60%
CMY	0.6431, 0.2627, 0.3961
CMYK	0.52, 0.00, 0.18, 0.26
HSL	159°, 42%, 55%
HSV	159°, 52%, 74%
XYZ	28.1303, 40.5237, 36.9111
YIQ	155.1210, -46.8980, -31.1380

Conversions

Conversions Part 2

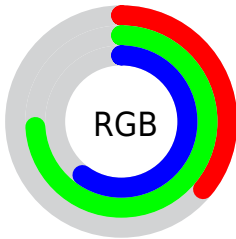
Format	Color
RYB	91, 150, 188
Decimal	6012058
CIELab	69.84, -36.80, 8.55
CIELCh	70, 37.776, 166.921
Yxy	40.5237, 0.2665, 0.3839
Android (android.graphics.Color)	4284202138 (0xFF5BBC9A)
YUV	155.1210, -0.5527, -56.2341
Hunter-Lab	63.6582, -32.5234, 10.1825

Details

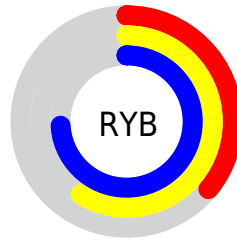
The Hex color **5BBC9A** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BC5B7D**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **93F5D0**, and **1C8667** is the 20% darker color. If you saturate the color by 10%, you get **48BC93**, and if you desaturate by 10%, it is **6EBCA1**.

Distribution



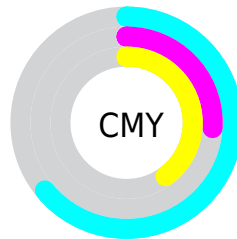
- Red (36%)
- Green (74%)
- Blue (60%)



- Red (36%)
- Yellow (59%)
- Blue (74%)



- Cyan (52%)
- Magenta (0%)
- Yellow (18%)
- Black (26%)



- Cyan (64%)
- Magenta (26%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BBC9A 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 5BBC9A by changing the saturation by 10% instead.

 5BBC9A

 5BBC9A

FFFFFF

 3EA180

 93F5D0

 1C8667

 B0FFED

 006C4F

 CDFFFF

 005338

 EAFFFF

 003B22

 00260D

 000000

 5BBC9A

 5BBC9A

 48BC93

 6EBCA1

■ 35BC8D

■ 81BCA7

■ 23BC86

■ 93BCAE

■ 10BC80

■ A6BCB4

■ 00BC7A

■ B9BCBB

■ CCBCC2

■ DFBCC8

■ F1BCCF

■ FFBCD5

Harmonies

Analogous

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



87B77B



5BBC9A



28BDBD

Triad

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



5BBC9A



98A7EC



E5987A

Complementary

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



5BBC9A



BC5B7D

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.



EE9198



5BBC9A



C79BDA

Square

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



5BBC9A



5EB2ED



E492BB



CEA368

Rectangle

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



5BBC9A



13BBD3



E492BB



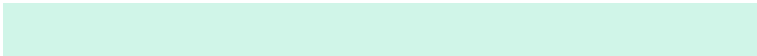
EA9583

Sweetspot

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



5BBC9A



D0F5E8



7FBC5B



647A73



FAFAFA



7A7A7A

Same Dimension

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



5BBC9A



5DF5C0



5BAFBC



555E5B



009E67



001F14

Inverse Universe

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



BC5B7D



F55D92



BC685B



5E5558



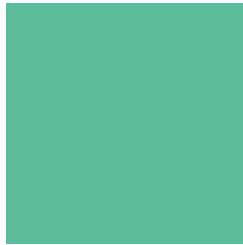
9E0037



1F000B

Previews

White Background



This preview shows how the Hex color 5BBC9A looks on a white background.

Color Contrast Check

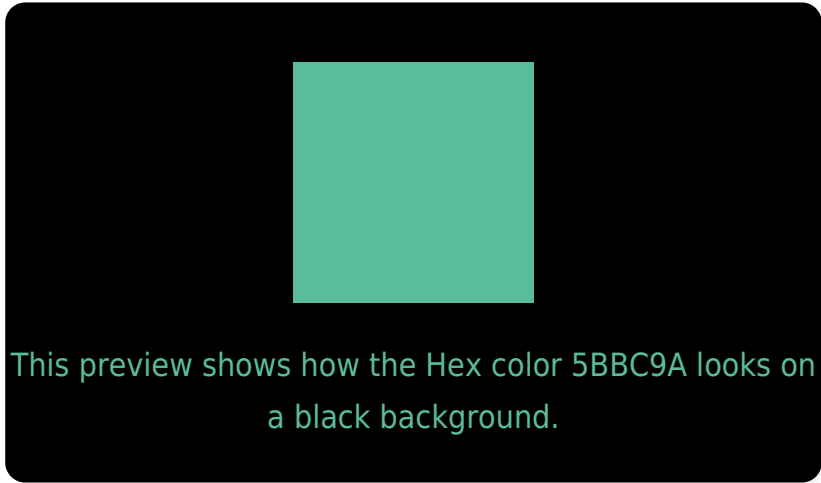
Large Text (above 18pt) WCAG AA × Fail

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

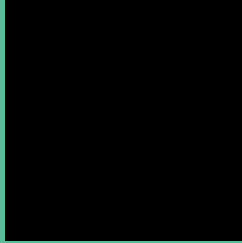
Any Text WCAG AA ✓ Pass

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 5BBC9A Background



This preview shows how black text looks on a background with the Hex color 5BBC9A.

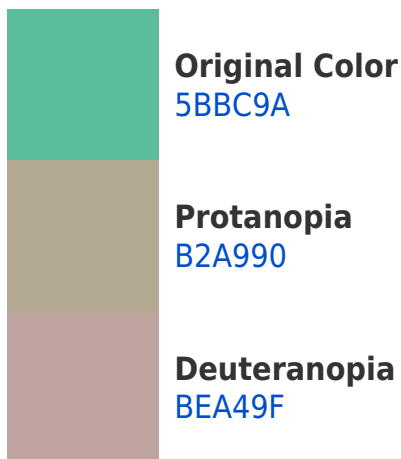


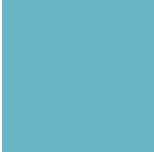
This preview shows how white text looks on a background with the Hex color 5BBC9A.

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](#).

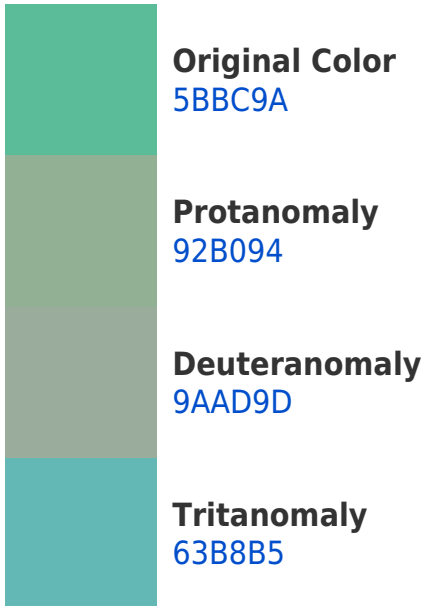
Dichromacy



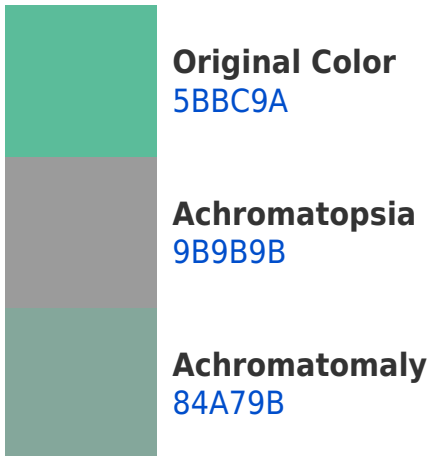


Tritanopia
68B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BBC9A 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 #5BBC9A looks like.

```
.text, #text, p{  
    color:#5BBC9A  
}
```

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 #5BBC9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BBC9A
}
```

Border

The CSS property to change the border of an element to Hex 5BBC9A 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
#5BBC9A }
```

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

```
.border{ border-color:#5BBC9A }
```

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

Here you see how a box with a 4 pixel #5BBC9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BBC9A; -webkit-box-shadow:4px 4px  
4px 4px #5BBC9A; box-shadow:4px 4px 4px  
4px #5BBC9A }
```

Background

The CSS property to change the background color of an element to Hex 5BBC9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BBC9A }
```

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

```
.background{ background-color:#5BBC9A }
```

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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