

Converting Colors

Hex(5BAA98)

Have a look what the booklet for
Hex(5BAA98) contains.

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Color

Hex(5BAA98)

Conversions

Conversions Part 1

Format	Color
Hex	5BAA98
RGB	91, 170, 152
RGB Percent	36%, 67%, 60%
CMY	0.6431, 0.3333, 0.4039
CMYK	0.46, 0.00, 0.11, 0.33
HSL	166°, 32%, 51%
HSV	166°, 46%, 67%
XYZ	24.3566, 33.2406, 34.8381
YIQ	144.3270, -41.3060, -22.3460

Conversions

Conversions Part 2

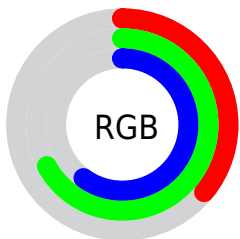
Format	Color
RYB	91, 136, 170
Decimal	6007448
CIELab	64.36, -28.77, 1.75
CIELCh	64, 28.825, 176.517
Yxy	33.2406, 0.2635, 0.3596
Android (android.graphics.Color)	4284197528 (0xFF5BAA98)
YUV	144.3270, 3.7828, -46.7678
Hunter-Lab	57.6547, -25.4871, 4.5320

Details

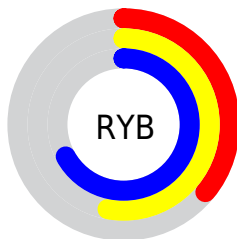
The Hex color **5BAA98** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AA5B6D**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **92E2CE**, and **227565** is the 20% darker color. If you saturate the color by 10%, you get **4AAA94**, and if you desaturate by 10%, it is **6CAA9C**.

Distribution



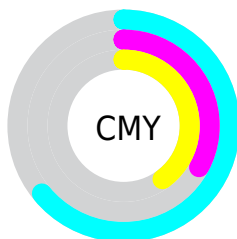
- Red (36%)
- Green (67%)
- Blue (60%)



- Red (36%)
- Yellow (53%)
- Blue (67%)



- Cyan (46%)
- Magenta (0%)
- Yellow (11%)
- Black (33%)



- Cyan (64%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BAA98 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 5BAA98 by changing the saturation by 10% instead.



5BAA98



5BAA98

FFFFFF



408F7E



92E2CE



227565



AEFEEA



005C4D



CAFFFF



004437



E7FFFF



002D21



00180B



000000



5BAA98



5BAA98



4AAA94



6CAA9C

■ 39AA90

■ 7DAAA0

■ 28AA8C

■ 8EAAA4

■ 17AA89

■ 9FAAA7

■ 06AA85

■ B0AAAB

■ 00AA83

■ C1AAAF

■ D2AAB3

■ E3AAB7

■ F4AABB

Harmonies

Analogous

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



78A77F



5BAA98



48AAB2

Triad

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



5BAA98



9B96CA



C59172

Complementary

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



5BAA98



AA5B6D

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.



CF8A86



5BAA98



BA8EB9

Square

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



5BAA98



769FCF



CC89A0



B19969

Rectangle

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



5BAA98



4CA8C1



CC89A0



CA8E78

Sweetspot

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



5BAA98



BFDED7



6DAA5B



5D706C



F0F0F0



707070

Same Dimension

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



5BAA98



62DEC2



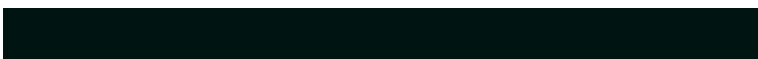
5B95AA



4C5452



009472



001410

Inverse Universe

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



AA5B6D



DE627E



AA705B



544C4E



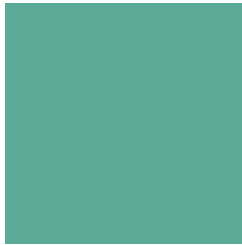
940022



140005

Previews

White Background



This preview shows how the Hex color 5BAA98 looks on a white background.

Color Contrast Check

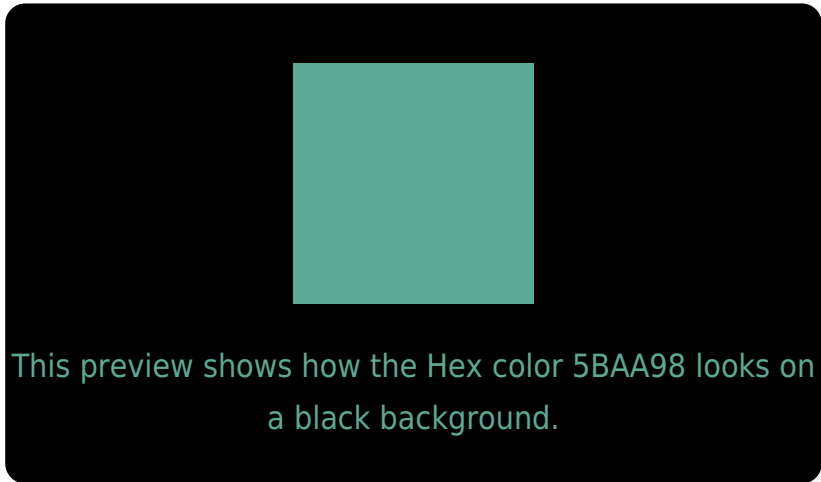
Large Text (above 18pt) WCAG AA × Fail

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

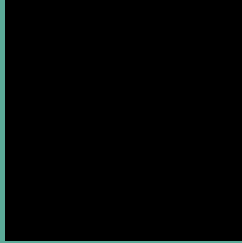
Any Text WCAG AA ✓ Pass

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 5BAA98 Background



This preview shows how black text looks on a background with the Hex color 5BAA98.

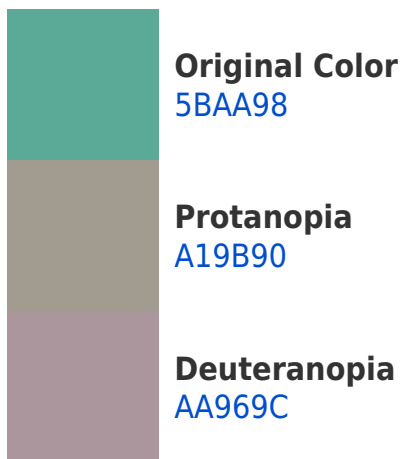


This preview shows how white text looks on a background with the Hex color 5BAA98.

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



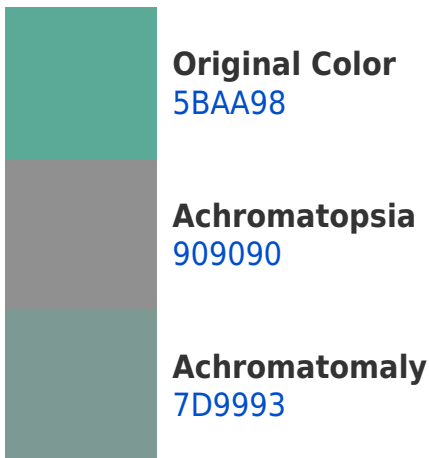


Tritanopia
63A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BAA98 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 #5BAA98 looks like.

```
.text, #text, p{  
    color:#5BAA98  
}
```

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 #5BAA98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BAA98
}
```

Border

The CSS property to change the border of an element to Hex 5BAA98 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
#5BAA98 }
```

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

```
.border{ border-color:#5BAA98 }
```

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

Here you see how a box with a 4 pixel #5BAA98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BAA98; -webkit-box-shadow:4px 4px  
4px 4px #5BAA98; box-shadow:4px 4px 4px  
4px #5BAA98 }
```

Background

The CSS property to change the background color of an element to Hex 5BAA98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BAA98 }
```

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

```
.background{ background-color:#5BAA98 }
```

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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