

Converting Colors

Hex(98B59E)

Have a look what the booklet for
Hex(98B59E) contains.

Hex(98B59E)	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(98B59E)

Conversions

Conversions Part 1

Format	Color
Hex	98B59E
RGB	152, 181, 158
RGB Percent	60%, 71%, 62%
CMY	0.4039, 0.2902, 0.3804
CMYK	0.16, 0.00, 0.13, 0.29
HSL	132°, 16%, 65%
HSV	132°, 16%, 71%
XYZ	35.6443, 42.1918, 38.6129
YIQ	169.7070, -9.9010, -13.3010

Conversions

Conversions Part 2

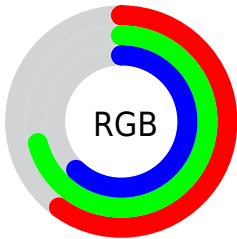
Format	Color
RYB	152, 176, 181
Decimal	10007966
CIELab	71.00, -14.44, 8.44
CIELCh	71, 16.730, 149.700
Yxy	42.1918, 0.3061, 0.3623
Android (android.graphics.Color)	4288198046 (0xFF98B59E)
YUV	169.7070, -5.7716, -15.5290
Hunter-Lab	64.9552, -15.7193, 10.2234

Details

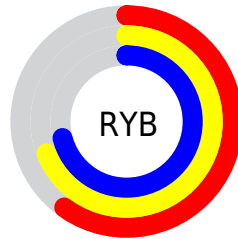
The Hex color **98B59E** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B598AF**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **CFEDD5**, and **65806B** is the 20% darker color. If you saturate the color by 10%, you get **86B590**, and if you desaturate by 10%, it is **AAB5AC**.

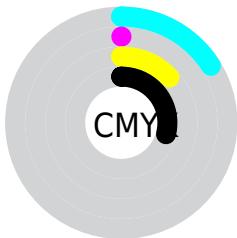
Distribution



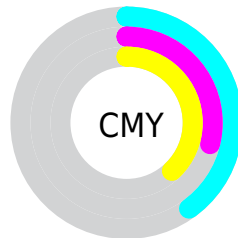
- Red (60%)
- Green (71%)
- Blue (62%)



- Red (60%)
- Yellow (69%)
- Blue (71%)



- Cyan (16%)
- Magenta (0%)
- Yellow (13%)
- Black (29%)



- Cyan (40%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98B59E 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 98B59E by changing the saturation by 10% instead.



98B59E



98B59E

FFFFFF



7E9A84



CFEDD5



65806B



EBFFF1



4C6752



354F3B



1F3826



0A2211



000700



000000



98B59E



98B59E

 86B590

 AAB5AC

 74B581

 BCB5BB

 62B573

 CEB5C9

 50B565

 E0B5D7

 3DB556

 F3B5E6

 2BB548

 FFB5F4

 19B53A

 FFB5FF

 07B52B

 00B525

Harmonies

Analogous

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



A9B193



98B59E



8AB7AD

Triad

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



98B59E



9DAFCC



CEA49F

Complementary

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



98B59E



B598AF

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.



CCA3AE



98B59E



B0AAC8

Square

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



98B59E



8CB4C8



C2A5BD



C7A894

Rectangle

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



98B59E



86B7B7



C2A5BD



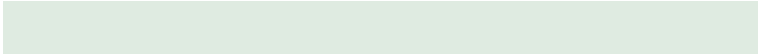
CEA4A4

Sweetspot

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



98B59E



DFEBE1



AFB598



6E7570



F5F5F5



757575

Same Dimension

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



98B59E



BEEBC7



98B5AC



505952



009920



001A05

Inverse Universe

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



B598AF



EBBEE1



B598A1



595057



990079



1A0014

Previews

White Background



This preview shows how the Hex color 98B59E looks on a white background.

Color Contrast Check

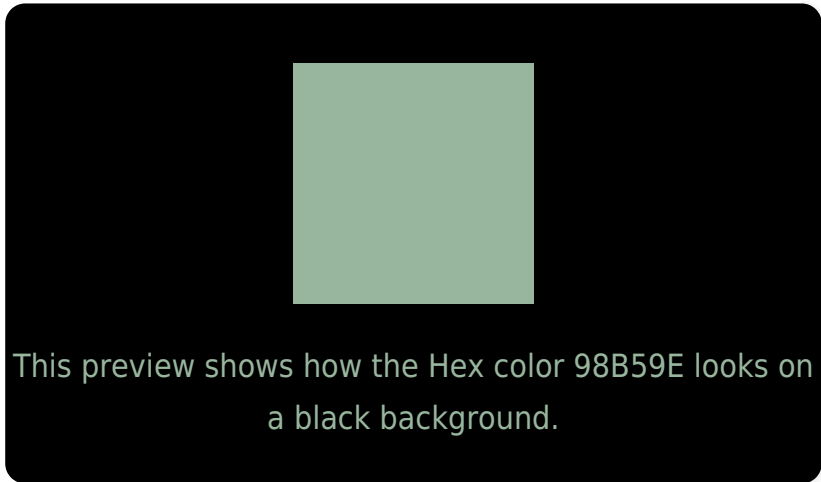
Large Text (above 18pt) WCAG AA × Fail

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

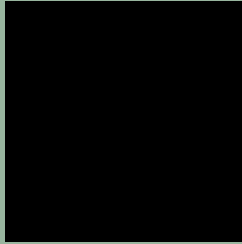
Any Text WCAG AA ✓ Pass

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 98B59E Background



This preview shows how black text looks on a background with the Hex color 98B59E.

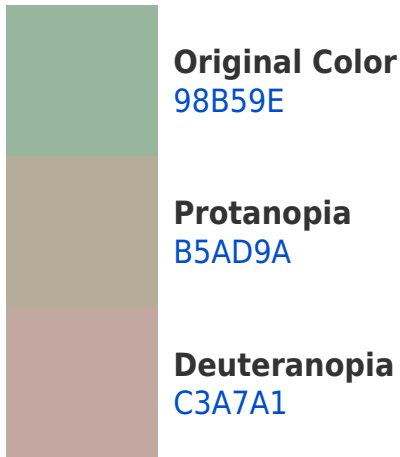


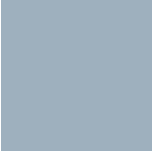
This preview shows how white text looks on a background with the Hex color 98B59E.

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](#).

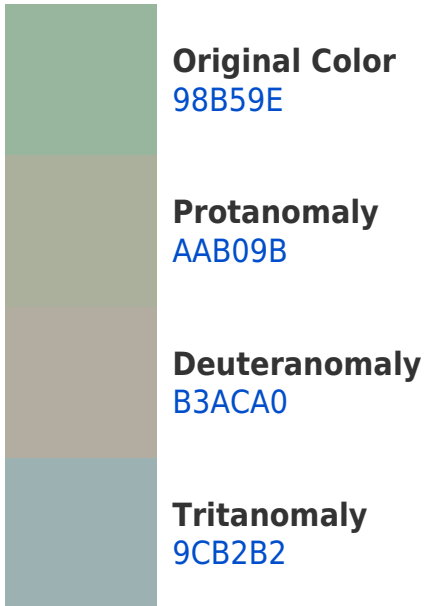
Dichromacy





Tritanopia
9E0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 98B59E 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 #98B59E looks like.

```
.text, #text, p{  
    color:#98B59E  
}
```

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 #98B59E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98B59E
}
```

Border

The CSS property to change the border of an element to Hex 98B59E 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
#98B59E }
```

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

```
.border{ border-color:#98B59E }
```

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

Here you see how a box with a 4 pixel #98B59E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98B59E; -webkit-box-shadow:4px 4px  
4px 4px #98B59E; box-shadow:4px 4px 4px  
4px #98B59E }
```

Background

The CSS property to change the background color of an element to Hex 98B59E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98B59E }
```

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

```
.background{ background-color:#98B59E }
```

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