

Converting Colors

Hex(1B998C)

Have a look what the booklet for
Hex(1B998C) contains.

Hex(1B998C)	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(1B998C)

Conversions

Conversions Part 1

Format	Color
Hex	1B998C
RGB	27, 153, 140
RGB Percent	11%, 60%, 55%
CMY	0.8941, 0.4000, 0.4510
CMYK	0.82, 0.00, 0.08, 0.40
HSL	174°, 70%, 35%
HSV	174°, 82%, 60%
XYZ	16.5769, 24.9089, 28.7452
YIQ	113.8440, -70.9230, -30.7550

Conversions

Conversions Part 2

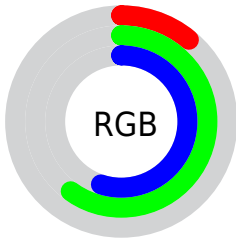
Format	Color
R_{YB}	27, 93, 153
Decimal	1808780
CIE _{Lab}	56.99, -35.24, -2.46
CIE _{LCh}	57, 35.327, 183.997
Yxy	24.9089, 0.2360, 0.3547
Android (android.graphics.Color)	4279998860 (0xFF1B998C)
YUV	113.8440, 12.8949, -76.1622
Hunter-Lab	49.9088, -28.0530, 0.7879

Details

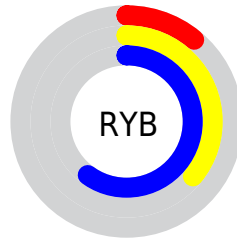
The Hex color **1B998C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **991B28**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **61D0C1**, and **00655A** is the 20% darker color. If you saturate the color by 10%, you get **0C998A**, and if you desaturate by 10%, it is **2A998E**.

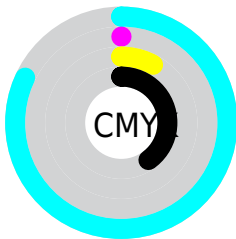
Distribution



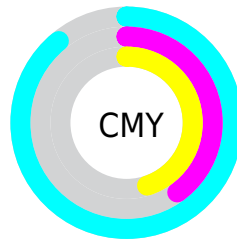
- Red (11%)
- Green (60%)
- Blue (55%)



- Red (11%)
- Yellow (36%)
- Blue (60%)



- Cyan (82%)
- Magenta (0%)
- Yellow (8%)
- Black (40%)



- Cyan (89%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B998C 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 1B998C by changing the saturation by 10% instead.

 1B998C

 1B998C

FFFFFF

 007F73

 61D0C1

 00655A

 7EECDD

 004C43

 9CFFFA

 00352D

 B9FFFF

 002118

 D6FFFF

 000000

 F4FFFF

 1B998C

 1B998C

 0C998A

 2A998E

■ 009989

■ 3A998F

■ 499991

■ 589992

■ 689994

■ 779995

■ 869997

■ 959999

■ A5999A

Harmonies

Analogous

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



52976D



1B998C



0098AA

Triad

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



1B998C



917FBC



B27E52

Complementary

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



1B998C



991B28

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.



C27468



1B998C



B375A4

Square

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



1B998C



618AC6



C37086



98884A

Rectangle

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



1B998C



0095BA



C37086



B97A58

Sweetspot

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



1B998C



95C7C2



2A991B



466360



E3E3E3



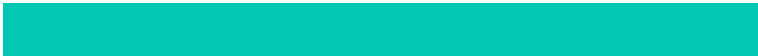
636363

Same Dimension

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



1B998C



02C7B3



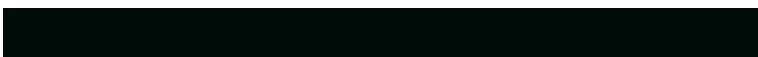
1B6999



454D4C



008C7E



000D0B

Inverse Universe

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



991B28



C70216



994B1B



4D4546



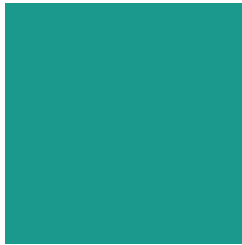
8C000E



0D0001

Previews

White Background



This preview shows how the Hex color 1B998C looks on a white background.

Color Contrast Check

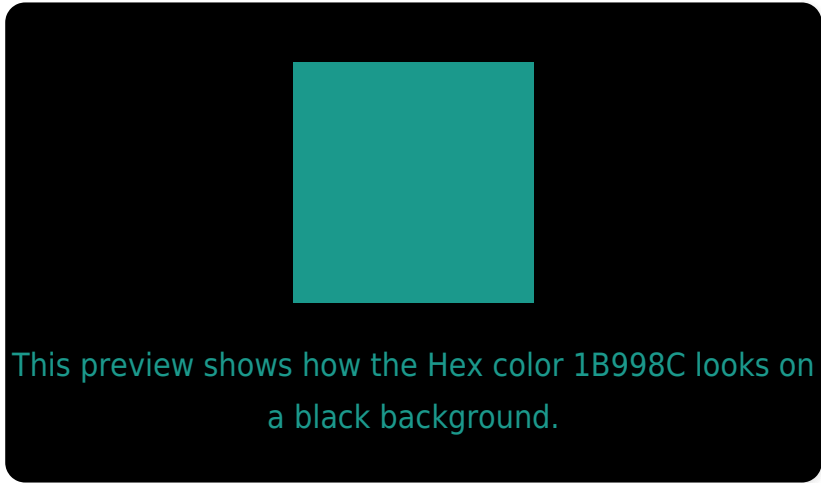
Large Text (above 18pt) WCAG AA ✓ Pass

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

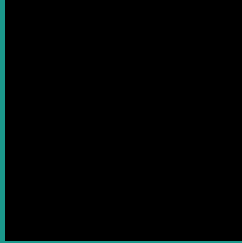
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 1B998C Background



This preview shows how black text looks on a background with the Hex color 1B998C.

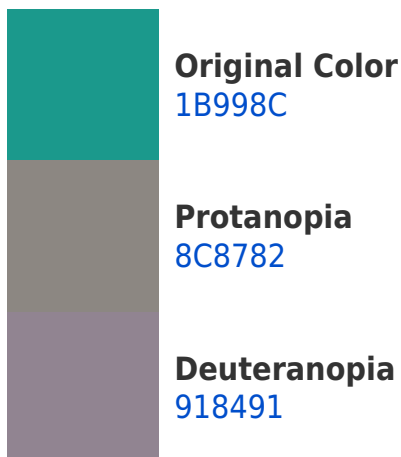


This preview shows how white text looks on a background with the Hex color 1B998C.

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
2D96A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1B998C 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 #1B998C looks like.

```
.text, #text, p{  
    color:#1B998C  
}
```

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 #1B998C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B998C
}
```

Border

The CSS property to change the border of an element to Hex 1B998C 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
#1B998C }
```

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

```
.border{ border-color:#1B998C }
```

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

Here you see how a box with a 4 pixel #1B998C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B998C; -webkit-box-shadow:4px 4px  
4px 4px #1B998C; box-shadow:4px 4px 4px  
4px #1B998C }
```

Background

The CSS property to change the background color of an element to Hex 1B998C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B998C }
```

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

```
.background{ background-color:#1B998C }
```

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