

Converting Colors

Hex(1B9898)

Have a look what the booklet for
Hex(1B9898) contains.

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Color

Hex(1B9898)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 1B9898 |
| RGB | 27, 152, 152 |
| RGB Percent | 11%, 60%, 60% |
| CMY | 0.8941, 0.4039, 0.4039 |
| CMYK | 0.82, 0.00, 0.00, 0.40 |
| HSL | 180°, 70%, 35% |
| HSV | 180°, 82%, 60% |
| XYZ | 17.3477, 24.9565, 33.6085 |
| YIQ | 114.6250, -74.5000, -26.5000 |

Conversions

Conversions Part 2

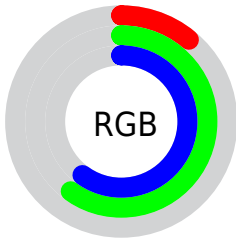
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 27, 90, 152 |
| Decimal | 1808536 |
| CIELab | 57.03, -31.18, -9.24 |
| CIELCh | 57, 32.518, 196.516 |
| Yxy | 24.9565, 0.2285, 0.3288 |
| Android (android.graphics.Color) | 4279998616 (0xFF1B9898) |
| YUV | 114.6250, 18.4259, -76.8471 |
| Hunter-Lab | 49.9565, -25.4385, -4.9182 |

Details

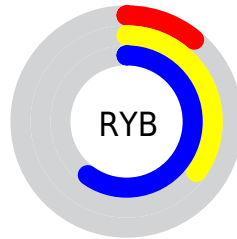
The Hex color **1B9898** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **981B1B**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **62CFCE**, and **006465** is the 20% darker color. If you saturate the color by 10%, you get **0C9898**, and if you desaturate by 10%, it is **2A9898**.

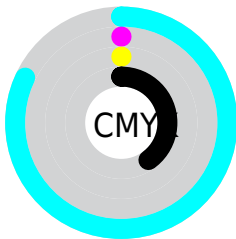
Distribution



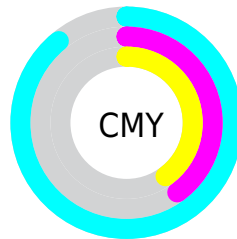
- Red (11%)
- Green (60%)
- Blue (60%)



- Red (11%)
- Yellow (35%)
- Blue (60%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 1B9898 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 1B9898 by changing the saturation by 10% instead.

 1B9898

 1B9898

FFFFFF

 007E7E

 62CFCE

 006465

 80EBEA

 004C4D

 9DFFFF

 003437

 BAffff

 002121

 D8FFFF

 00000A

 F6FFFF

 000000

 1B9898

 1B9898

 0C9898

 2A9898

■ 009898

■ 399898

■ 499898

■ 589898

■ 679898

■ 769898

■ 859898

■ 959898

■ A49898

Harmonies

Analogous

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



47977B



1B9898



1196B1

Triad

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



1B9898



A07CB0



A78352

Complementary

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



1B9898



981B1B

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.



BA7961



1B9898



B87497

Square

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



1B9898



7986BF



C0737A



8C8C52

Rectangle

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



1B9898



3792BC



C0737A



AE7F55

Sweetspot

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



1B9898



93C4C4



1B981B



466363



E3E3E3



636363

Same Dimension

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



1B9898



02C4C4



1B5A98



454D4D



008C8C



000D0D

Inverse Universe

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



981B98



C402C4



985A1B



4D454D



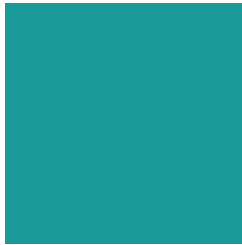
8C008C



0D000D

Previews

White Background



This preview shows how the Hex color 1B9898 looks on a white background.

Color Contrast Check

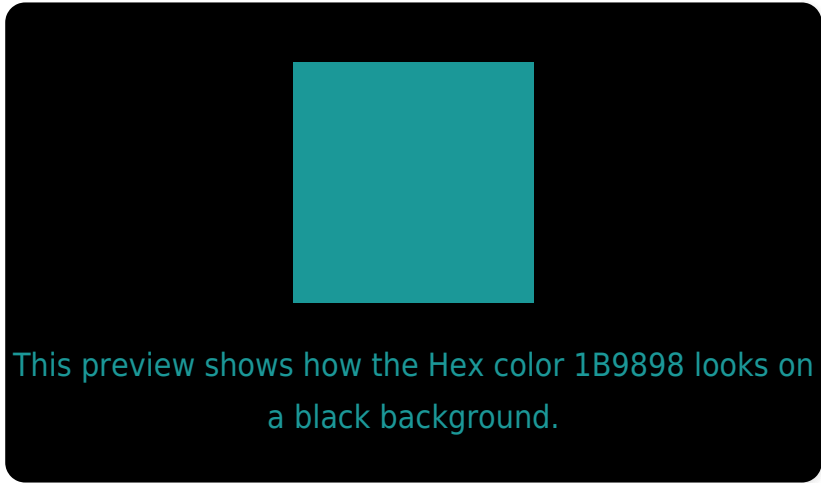
Large Text (above 18pt) WCAG AA ✓ Pass

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

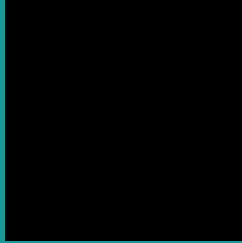
Any Text WCAG AA ✓ Pass

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 1B9898 Background



This preview shows how black text looks on a background with the Hex color 1B9898.

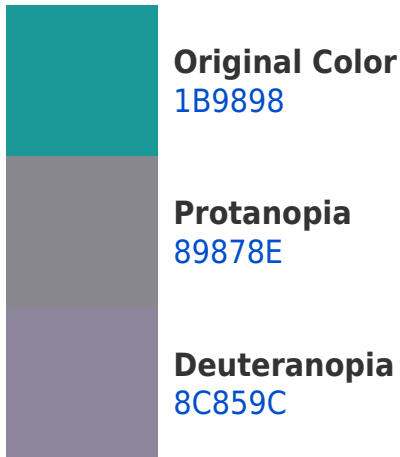


This preview shows how white text looks on a background with the Hex color 1B9898.

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
2596A3

Trichromacy



Original Color
1B9898



Protanomaly
618D92



Deuteranomaly
638C9B



Tritanomaly
21979F

Monochromacy



Original Color
1B9898



Achromatopsia
737373



Achromatomaly
538080

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B9898 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 #1B9898 looks like.

```
.text, #text, p{  
    color:#1B9898  
}
```

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 #1B9898 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B9898
}
```

Border

The CSS property to change the border of an element to Hex 1B9898 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
#1B9898 }
```

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

```
.border{ border-color:#1B9898 }
```

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

Here you see how a box with a 4 pixel #1B9898 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B9898; -webkit-box-shadow:4px 4px  
4px 4px #1B9898; box-shadow:4px 4px 4px  
4px #1B9898 }
```

Background

The CSS property to change the background color of an element to Hex 1B9898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B9898 }
```

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

```
.background{ background-color:#1B9898 }
```

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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