

# Converting Colors

Hex(1E9C98)

Have a look what the booklet for  
Hex(1E9C98) contains.

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# Color

Hex(1E9C98)

# Conversions

## Conversions Part 1

Format	Color
Hex	1E9C98
RGB	30, 156, 152
RGB Percent	12%, 61%, 60%
CMY	0.8824, 0.3882, 0.4039
CMYK	0.81, 0.00, 0.03, 0.39
HSL	178°, 68%, 36%
HSV	178°, 81%, 61%
XYZ	18.0914, 26.3200, 33.8325
YIQ	117.8700, -73.8120, -27.9560

# Conversions

## Conversions Part 2

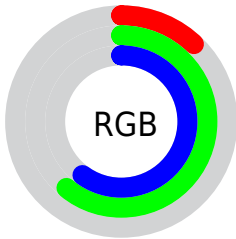
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 94, 156
Decimal	2006168
CIELab	58.34, -32.81, -7.29
CIELCh	58, 33.612, 192.529
Yxy	26.3200, 0.2312, 0.3364
Android (android.graphics.Color)	4280196248 (0xFF1E9C98)
YUV	117.8700, 16.8261, -77.0620
Hunter-Lab	51.3030, -26.8343, -3.1876

# Details

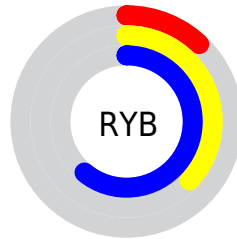
The Hex color **1E9C98** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9C1E22**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **64D3CE**, and **006865** is the 20% darker color. If you saturate the color by 10%, you get **0E9C98**, and if you desaturate by 10%, it is **2E9C98**.

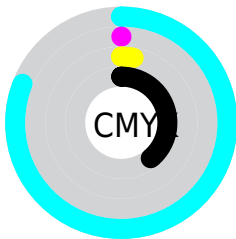
# Distribution



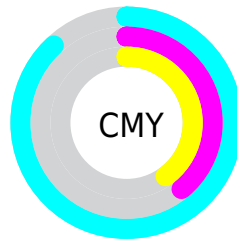
- Red (12%)
- Green (61%)
- Blue (60%)



- Red (12%)
- Yellow (37%)
- Blue (61%)



- Cyan (81%)
- Magenta (0%)
- Yellow (3%)
- Black (39%)



- Cyan (88%)
- Magenta (39%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E9C98 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 1E9C98 by changing the saturation by 10% instead.





1E9C98



1E9C98

FFFFFF



00827E



64D3CE



006865



82F0EA



004F4D



9FFFFFF



003837



BDFFFF



002421



DAFFFF



00000B



F8FFFF



000000



1E9C98



1E9C98



0E9C98



2E9C98

■ 009C97

■ 3D9C99

■ 4D9C99

■ 5C9C9A

■ 6C9C9A

■ 7C9C9B

■ 8B9C9B

■ 9B9C9C

■ AA9C9C

# Harmonies

## Analogous

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



4D9B7A



1E9C98



009AB3

# Triad

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



1E9C98



9F80B8



AE8554

# Complementary

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



1E9C98



9C1E22

# 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.



C07B66



1E9C98



BB779F

# Square

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



1E9C98



768BC5



C67581



938E52

# Rectangle

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



1E9C98



2D96C0



C67581



B68159



# Sweetspot

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



1E9C98



9BCCCA



229C1E



486665



E6E6E6



666666



# Same Dimension

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



1E9C98



06CCC6



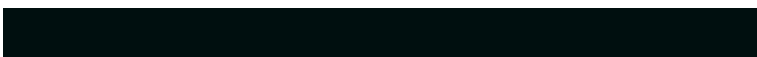
1E619C



474F4F



008F8A



000F0F



# Inverse Universe

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



9C1E22



CC060C



9C591E



4F4747



8F0005



0F0000



# Previews

## White Background



This preview shows how the Hex color 1E9C98 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



This preview shows how the Hex color 1E9C98 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

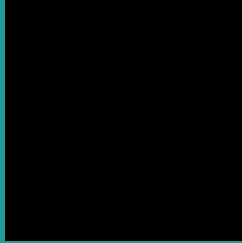
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1E9C98 Background



This preview shows how black text looks on a background with the Hex color 1E9C98.

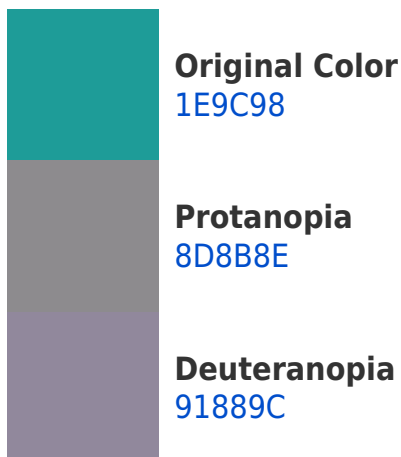


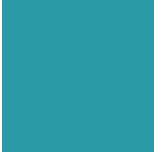
This preview shows how white text looks on a background with the Hex color 1E9C98.

# 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**  
2A9AA6

# Trichromacy



**Original Color**  
1E9C98



**Protanomaly**  
659192



**Deuteranomaly**  
678F9B



**Tritanomaly**  
269BA1

# Monochromacy



**Original Color**  
1E9C98



**Achromatopsia**  
767676



**Achromatomaly**  
568482

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E9C98 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 #1E9C98 looks like.

```
.text, #text, p{  
    color:#1E9C98  
}
```

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 #1E9C98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E9C98
}
```

## Border

The CSS property to change the border of an element to Hex 1E9C98 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
#1E9C98 }
```

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

```
.border{ border-color:#1E9C98 }
```

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

Here you see how a box with a 4 pixel #1E9C98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E9C98; -webkit-box-shadow:4px 4px  
4px 4px #1E9C98; box-shadow:4px 4px 4px  
4px #1E9C98 }
```

# Background

The CSS property to change the background color of an element to Hex 1E9C98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E9C98 }
```

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

```
.background{ background-color:#1E9C98 }
```

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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