

# Converting Colors

Hex(1E9786)

Have a look what the booklet for  
Hex(1E9786) contains.

<b>Hex(1E9786)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(1E9786)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1E9786
RGB	30, 151, 134
RGB Percent	12%, 59%, 53%
CMY	0.8824, 0.4078, 0.4745
CMYK	0.80, 0.00, 0.11, 0.41
HSL	172°, 67%, 35%
HSV	172°, 80%, 59%
XYZ	15.9051, 24.1305, 26.3736
YIQ	112.8830, -66.6590, -30.9390

# Conversions

## Conversions Part 2

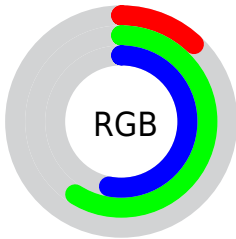
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 95, 151
Decimal	2004870
CIELab	56.22, -35.75, -0.16
CIELCh	56, 35.755, 180.252
Yxy	24.1305, 0.2395, 0.3634
Android (android.graphics.Color)	4280194950 (0xFF1E9786)
YUV	112.8830, 10.4107, -72.6884
Hunter-Lab	49.1228, -28.1696, 2.5536

# Details

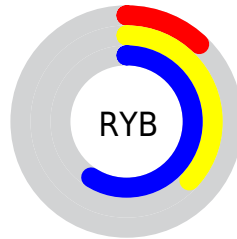
The Hex color **1E9786** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **971E2F**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **61CEBB**, and **006355** is the 20% darker color. If you saturate the color by 10%, you get **0F9784**, and if you desaturate by 10%, it is **2D9788**.

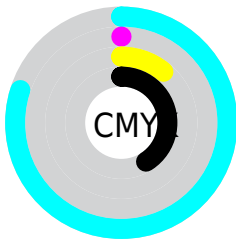
# Distribution



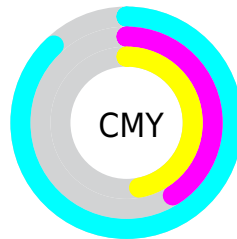
- Red (12%)
- Green (59%)
- Blue (53%)



- Red (12%)
- Yellow (37%)
- Blue (59%)



- Cyan (80%)
- Magenta (0%)
- Yellow (11%)
- Black (41%)



- Cyan (88%)
- Magenta (41%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E9786 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 1E9786 by changing the saturation by 10% instead.



 1E9786

 1E9786

FFFFFF

 007D6D

 61CEBB

 006355

 7FEAD7

 004B3D

 9CFFF3

 003328

 B9FFF

 001E13

 D6FFF

 000000

 F4FFF

 1E9786

 1E9786

 0F9784

 2D9788

■ 009782

■ 3C978A

■ 4B978C

■ 5A978E

■ 6A9791

■ 799793

■ 889795

■ 979797

■ A69799

# Harmonies

## Analogous

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



549467



1E9786



0096A5

# Triad

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



1E9786



8A7FBC



B37A52

# Complementary

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



1E9786



971E2F

# 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.



C17169



1E9786



AE74A6

# Square

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



1E9786



568AC5



C06E88



9A8548

# Rectangle

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



1E9786



0094B6



C06E88



B97758



# Sweetspot

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



1E9786



95C4BE



30971E



47635F



E3E3E3



636363



# Same Dimension

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



1E9786



08C4AA



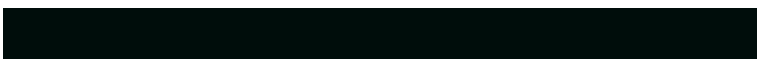
1E6D97



454D4B



008C79



000D0B



# Inverse Universe

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



971E2F



C40822



97481E



4D4546



8C0014

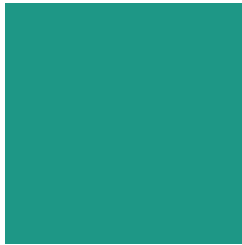


0D0002



# Previews

## White Background



This preview shows how the Hex color 1E9786 looks on a white background.

## Color Contrast Check

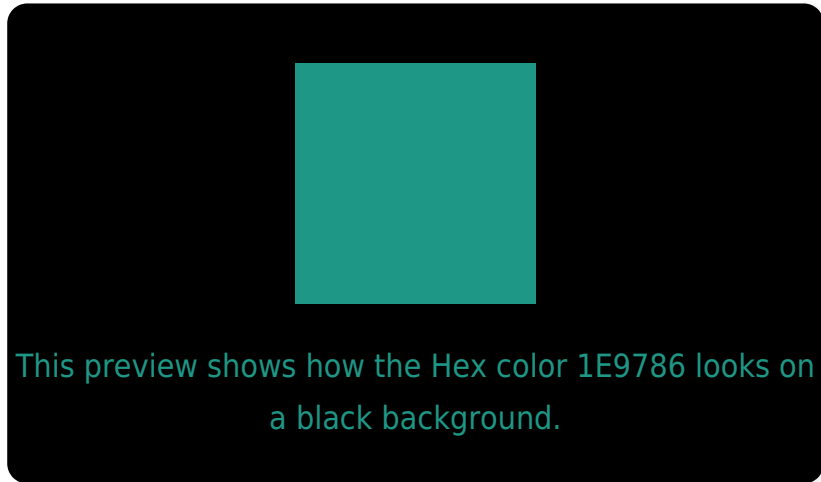
Large Text (above 18pt) WCAG AA ✓ Pass

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

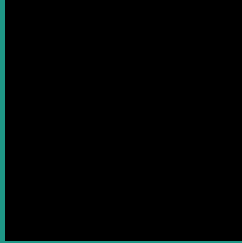
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1E9786 Background



This preview shows how black text looks on a background with the Hex color 1E9786.

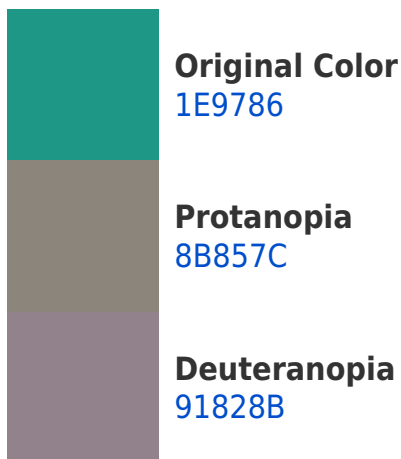


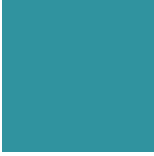
This preview shows how white text looks on a background with the Hex color 1E9786.

# 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**  
30939F

# Trichromacy



**Original Color**  
1E9786



**Protanomaly**  
638C80



**Deuteranomaly**  
678A89



**Tritanomaly**  
299496

# Monochromacy



**Original Color**  
1E9786



**Achromatopsia**  
717171



**Achromatomaly**  
537F79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E9786 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 #1E9786 looks like.

```
.text, #text, p{  
    color:#1E9786  
}
```

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 #1E9786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E9786
}
```

## Border

The CSS property to change the border of an element to Hex 1E9786 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
#1E9786 }
```

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

```
.border{ border-color:#1E9786 }
```

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

Here you see how a box with a 4 pixel #1E9786 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E9786; -webkit-box-shadow:4px 4px  
4px 4px #1E9786; box-shadow:4px 4px 4px  
4px #1E9786 }
```

# Background

The CSS property to change the background color of an element to Hex 1E9786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E9786 }
```

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

```
.background{ background-color:#1E9786 }
```

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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