

Converting Colors

Hex(1D9786)

Have a look what the booklet for
Hex(1D9786) contains.

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Color

Hex(1D9786)

Conversions

Conversions Part 1

Format	Color
Hex	1D9786
RGB	29, 151, 134
RGB Percent	11%, 59%, 53%
CMY	0.8863, 0.4078, 0.4745
CMYK	0.81, 0.00, 0.11, 0.41
HSL	172°, 68%, 35%
HSV	172°, 81%, 59%
XYZ	15.8764, 24.1157, 26.3723
YIQ	112.5840, -67.2550, -31.1510

Conversions

Conversions Part 2

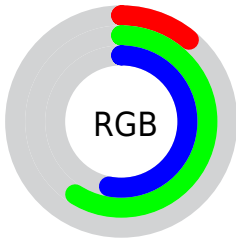
Format	Color
R_{YB}	29, 95, 151
Decimal	1939334
CIE _{Lab}	56.20, -35.86, -0.18
CIE _{LCh}	56, 35.858, 180.289
Yxy	24.1157, 0.2392, 0.3634
Android (android.graphics.Color)	4280129414 (0xFF1D9786)
YUV	112.5840, 10.5581, -73.3032
Hunter-Lab	49.1077, -28.2299, 2.5349

Details

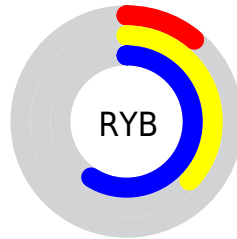
The Hex color **1D9786** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **971D2E**, and the grayscale version is **717171**.

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 **0E9784**, and if you desaturate by 10%, it is **2C9788**.

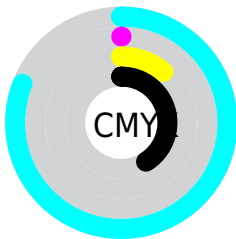
Distribution



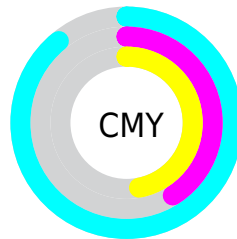
- Red (11%)
- Green (59%)
- Blue (53%)



- Red (11%)
- Yellow (37%)
- Blue (59%)



- Cyan (81%)
- Magenta (0%)
- Yellow (11%)
- Black (41%)



- Cyan (89%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D9786 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 1D9786 by changing the saturation by 10% instead.

 1D9786

 1D9786

FFFFFF

 007D6D

 61CEBB

 006355

 7EEAD7

 004B3D

 9BFFF3

 003328

 B8FFF3

 001E13

 D6FFF3

 000000

 F4FFF3

 1D9786

 1D9786

 0E9784

 2C9788

009782

3B978A

4A978C

59978E

689791

789793

879795

969797

A59799

Harmonies

Analogous

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



549467



1D9786



0096A5

Triad

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



1D9786



8A7FBD



B37A51

Complementary

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



1D9786



971D2E

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



1D9786



AE73A6

Square

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



1D9786



568AC5



C06E88



9A8547

Rectangle

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



1D9786



0094B6



C06E88



B97658

Sweetspot

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



1D9786



95C4BE



2F971D



47635F



E3E3E3



636363

Same Dimension

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



1D9786



06C4AA



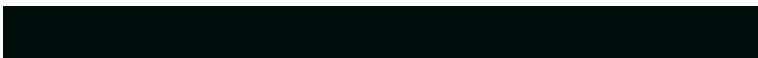
1D6C97



454D4B



008C79



000D0B

Inverse Universe

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



971D2E



C40620



97481D



4D4546



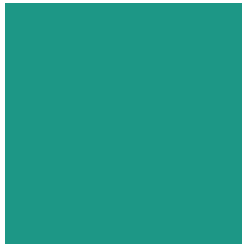
8C0014



0D0002

Previews

White Background



This preview shows how the Hex color 1D9786 looks on a white background.

Color Contrast Check

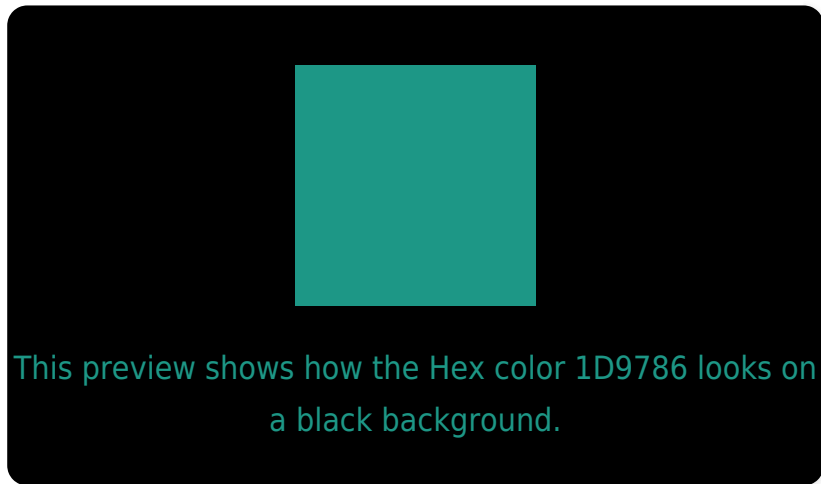
Large Text (above 18pt) WCAG AA ✓ Pass

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

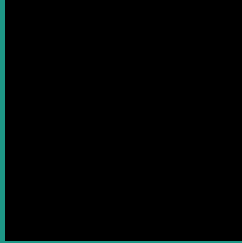
Any Text WCAG AA ✓ Pass

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 1D9786 Background



This preview shows how black text looks on a background with the Hex color 1D9786.

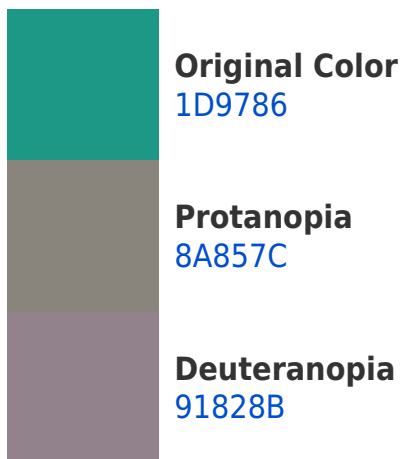


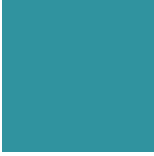
This preview shows how white text looks on a background with the Hex color 1D9786.

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



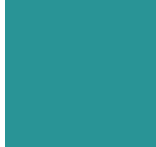
Original Color
1D9786



Protanomaly
628C80



Deuteranomaly
678A89



Tritanomaly
299496

Monochromacy



Original Color
1D9786



Achromatopsia
717171



Achromatomaly
527F79

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D9786 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 #1D9786 looks like.

```
.text, #text, p{  
    color:#1D9786  
}
```

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 #1D9786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D9786
}
```

Border

The CSS property to change the border of an element to Hex 1D9786 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
#1D9786 }
```

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

```
.border{ border-color:#1D9786 }
```

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

Here you see how a box with a 4 pixel #1D9786 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D9786; -webkit-box-shadow:4px 4px  
4px 4px #1D9786; box-shadow:4px 4px 4px  
4px #1D9786 }
```

Background

The CSS property to change the background color of an element to Hex 1D9786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D9786 }
```

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

```
.background{ background-color:#1D9786 }
```

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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