

Converting Colors

Hex(1E9790)

Have a look what the booklet for
Hex(1E9790) contains.

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Color

Hex(1E9790)

Conversions

Conversions Part 1

Format	Color
Hex	1E9790
RGB	30, 151, 144
RGB Percent	12%, 59%, 56%
CMY	0.8824, 0.4078, 0.4353
CMYK	0.80, 0.00, 0.05, 0.41
HSL	177°, 67%, 35%
HSV	177°, 80%, 59%
XYZ	16.6361, 24.4229, 30.2228
YIQ	114.0230, -69.8690, -27.8290

Conversions

Conversions Part 2

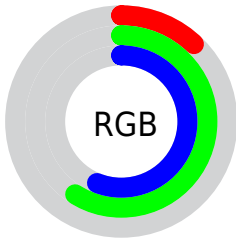
Format	Color
RYB	30, 92, 151
Decimal	2004880
CIELab	56.51, -32.85, -5.45
CIElCh	57, 33.298, 189.417
Yxy	24.4229, 0.2334, 0.3426
Android (android.graphics.Color)	4280194960 (0xFF1E9790)
YUV	114.0230, 14.7787, -73.6882
Hunter-Lab	49.4195, -26.3957, -1.6656

Details

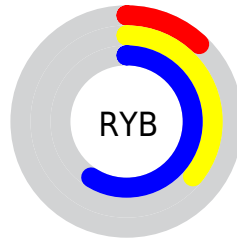
The Hex color **1E9790** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **971E25**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **62CEC6**, and **00635E** is the 20% darker color. If you saturate the color by 10%, you get **0F978F**, and if you desaturate by 10%, it is **2D9791**.

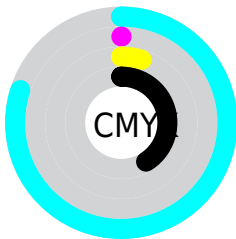
Distribution



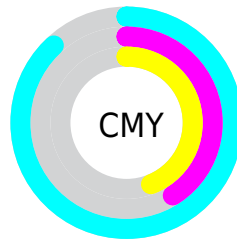
- Red (12%)
- Green (59%)
- Blue (56%)



- Red (12%)
- Yellow (36%)
- Blue (59%)



- Cyan (80%)
- Magenta (0%)
- Yellow (5%)
- Black (41%)



- Cyan (88%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E9790 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 1E9790 by changing the saturation by 10% instead.

 1E9790

 1E9790

FFFFFF

 007D76

 62CEC6

 00635E

 80EAE2

 004B46

 9DFFFE

 003330

 BAEFFF

 001F1B

 D8FFFF

 000000

 F6FFFF

 1E9790

 1E9790

 0F978F

 2D9791

00978E

3C9792

4B9793

5A9793

6A9794

799795

889796

979797

A69798

Harmonies

Analogous

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



4D9572



1E9790



0095AB

Triad

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



1E9790



977DB4



AB7F52

Complementary

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



1E9790



971E25

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.



BC7564



1E9790



B3749D

Square

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



1E9790



6C87C0



BF717F



91894D

Rectangle

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



1E9790



2092B9



BF717F



B27B56

Sweetspot

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



1E9790



95C4C2



26971E



476362



E3E3E3



636363

Same Dimension

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



1E9790



08C4B9



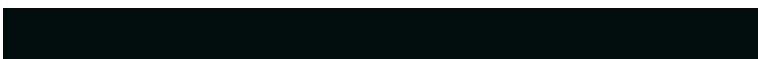
1E6397



454D4C



008C84



000D0C

Inverse Universe

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



971E25



C40813



97521E



4D4545



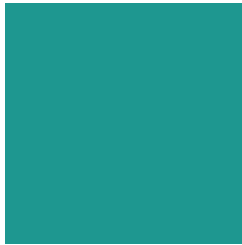
8C0008



0D0001

Previews

White Background



This preview shows how the Hex color 1E9790 looks on a white background.

Color Contrast Check

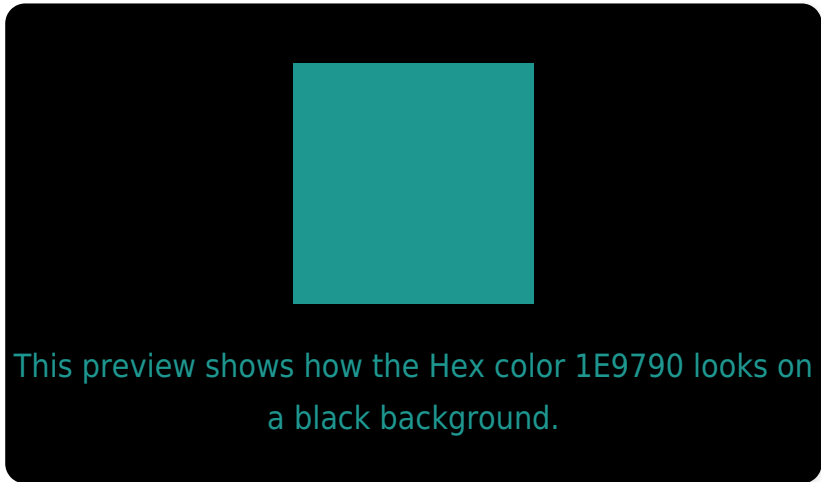
Large Text (above 18pt) WCAG AA ✓ Pass

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

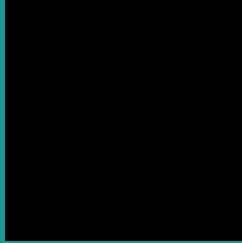
Any Text WCAG AA ✓ Pass

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 1E9790 Background



This preview shows how black text looks on a background with the Hex color 1E9790.

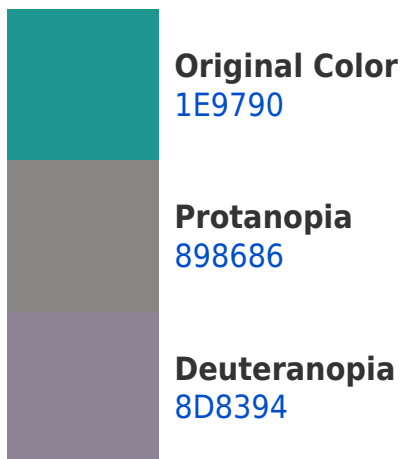


This preview shows how white text looks on a background with the Hex color 1E9790.

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
2B95A1

Trichromacy



Original Color
1E9790



Protanomaly
628C8A



Deuteranomaly
658A93



Tritanomaly
26969B

Monochromacy



Original Color
1E9790



Achromatopsia
727272



Achromatomaly
537F7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E9790 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 #1E9790 looks like.

```
.text, #text, p{  
    color:#1E9790  
}
```

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 #1E9790 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E9790
}
```

Border

The CSS property to change the border of an element to Hex 1E9790 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
#1E9790 }
```

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

```
.border{ border-color:#1E9790 }
```

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

Here you see how a box with a 4 pixel #1E9790 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E9790; -webkit-box-shadow:4px 4px  
4px 4px #1E9790; box-shadow:4px 4px 4px  
4px #1E9790 }
```

Background

The CSS property to change the background color of an element to Hex 1E9790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E9790 }
```

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

```
.background{ background-color:#1E9790 }
```

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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