

Converting Colors

Hex(1E8B82)

Have a look what the booklet for
Hex(1E8B82) contains.

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Color

Hex(1E8B82)

Conversions

Conversions Part 1

Format	Color
Hex	1E8B82
RGB	30, 139, 130
RGB Percent	12%, 55%, 51%
CMY	0.8824, 0.4549, 0.4902
CMYK	0.78, 0.00, 0.06, 0.45
HSL	175°, 64%, 33%
HSV	175°, 78%, 55%
XYZ	13.7973, 20.3530, 24.3204
YIQ	105.3830, -62.0750, -25.9070

Conversions

Conversions Part 2

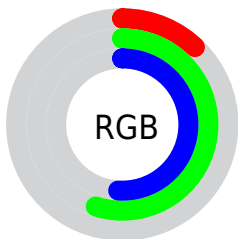
Format	Color
RYB	30, 87, 139
Decimal	2001794
CIELab	52.23, -31.33, -3.70
CIElCh	52, 31.552, 186.741
Yxy	20.3530, 0.2360, 0.3481
Android (android.graphics.Color)	4280191874 (0xFF1E8B82)
YUV	105.3830, 12.1362, -66.1109
Hunter-Lab	45.1143, -24.3593, -0.3824

Details

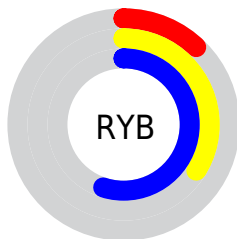
The Hex color **1E8B82** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8B1E27**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5FC1B7**, and **005851** is the 20% darker color. If you saturate the color by 10%, you get **108B81**, and if you desaturate by 10%, it is **2C8B83**.

Distribution



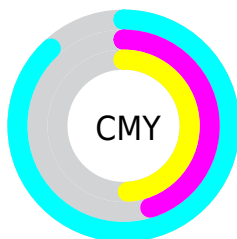
- Red (12%)
- Green (55%)
- Blue (51%)



- Red (12%)
- Yellow (34%)
- Blue (55%)



- Cyan (78%)
- Magenta (0%)
- Yellow (6%)
- Black (45%)



- Cyan (88%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E8B82 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 1E8B82 by changing the saturation by 10% instead.



1E8B82



1E8B82

FFFFFF



007169



5FC1B7



005851



7CDDD2



00403A



98FAEF



002A24



B5FFFF



000F10



D2FFFF



000000



F0FFFF



1E8B82



1E8B82



108B81



2C8B83

■ 028B80

■ 3A8B84

■ 008B80

■ 488B85

■ 568B87

■ 648B88

■ 718B89

■ 7F8B8A

■ 8D8B8B

■ 9B8B8C

Harmonies

Analogous

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



498966



1E8B82



008A9C

Triad

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



1E8B82



8873A8



A0744B

Complementary

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



1E8B82



8B1E27

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.



AE6B5E



1E8B82



A46B92

Square

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



1E8B82



5F7DB2



B06777



887D46

Rectangle

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



1E8B82



1487A9



B06777



A67050

Sweetspot

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



1E8B82



8AB5B1



278B1E



415C5A



DBDBDB



5C5C5C

Same Dimension

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



1E8B82



0BB5A7



1E5E8B



3E4544



00857A



000505

Inverse Universe

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



8B1E27



B50B19



8B4B1E



453E3F



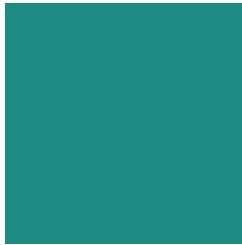
85000B



050000

Previews

White Background



This preview shows how the Hex color 1E8B82 looks on a white background.

Color Contrast Check

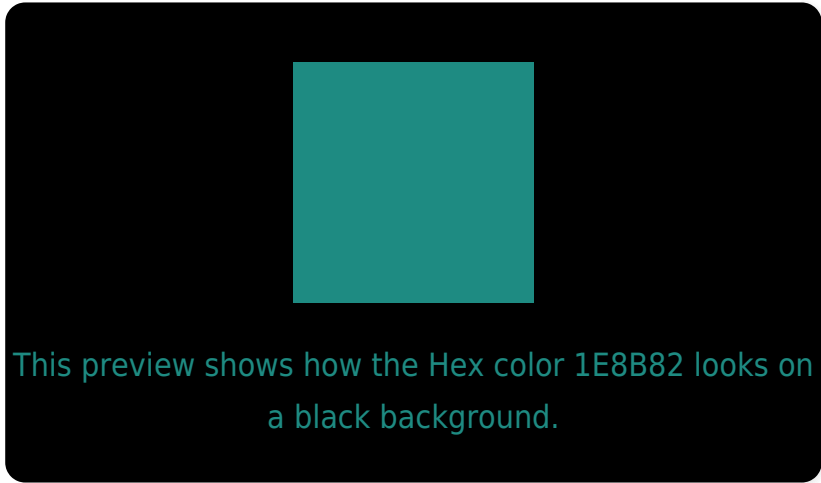
Large Text (above 18pt) WCAG AA ✓ Pass

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

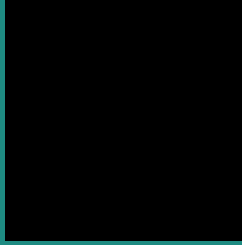
Any Text WCAG AA ✓ Pass

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 1E8B82 Background



This preview shows how black text looks on a background with the Hex color 1E8B82.

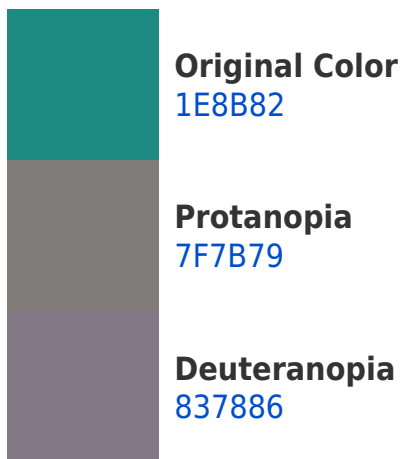


This preview shows how white text looks on a background with the Hex color 1E8B82.

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
2B8893

Trichromacy



Original Color
1E8B82



Protanomaly
5C817C



Deuteranomaly
5E7F85



Tritanomaly
26898D

Monochromacy



Original Color
1E8B82



Achromatopsia
696969



Achromatomaly
4E7572

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E8B82 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 #1E8B82 looks like.

```
.text, #text, p{  
    color:#1E8B82  
}
```

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 #1E8B82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E8B82
}
```

Border

The CSS property to change the border of an element to Hex 1E8B82 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
#1E8B82 }
```

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

```
.border{ border-color:#1E8B82 }
```

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

Here you see how a box with a 4 pixel #1E8B82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E8B82; -webkit-box-shadow:4px 4px  
4px 4px #1E8B82; box-shadow:4px 4px 4px  
4px #1E8B82 }
```

Background

The CSS property to change the background color of an element to Hex 1E8B82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E8B82 }
```

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

```
.background{ background-color:#1E8B82 }
```

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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