

Converting Colors

Hex(1E8B84)

Have a look what the booklet for
Hex(1E8B84) contains.

Hex(1E8B84)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1E8B84)

Conversions

Conversions Part 1

Format	Color
Hex	1E8B84
RGB	30, 139, 132
RGB Percent	12%, 55%, 52%
CMY	0.8824, 0.4549, 0.4824
CMYK	0.78, 0.00, 0.05, 0.45
HSL	176°, 64%, 33%
HSV	176°, 78%, 55%
XYZ	13.9329, 20.4072, 25.0344
YIQ	105.6110, -62.7170, -25.2850

Conversions

Conversions Part 2

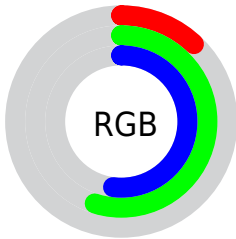
Format	Color
R_{YB}	30, 86, 139
Decimal	2001796
CIE _{Lab}	52.29, -30.74, -4.78
CIE _{LCh}	52, 31.106, 188.831
Yxy	20.4072, 0.2347, 0.3437
Android (android.graphics.Color)	4280191876 (0xFF1E8B84)
YUV	105.6110, 13.0098, -66.3108
Hunter-Lab	45.1743, -24.0012, -1.2349

Details

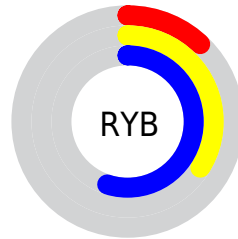
The Hex color **1E8B84** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8B1E25**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **5FC1B9**, and **005853** is the 20% darker color. If you saturate the color by 10%, you get **108B83**, and if you desaturate by 10%, it is **2C8B85**.

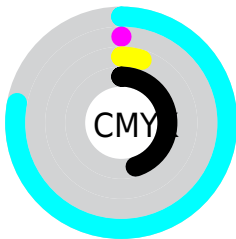
Distribution



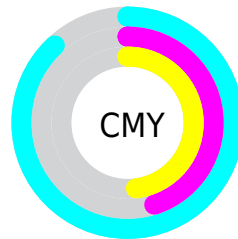
- Red (12%)
- Green (55%)
- Blue (52%)



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



- Cyan (78%)
- Magenta (0%)
- Yellow (5%)
- Black (45%)



- Cyan (88%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E8B84 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 1E8B84 by changing the saturation by 10% instead.



1E8B84



1E8B84

FFFFFF



00716B



5FC1B9



005853



7CDDD5



00403C



98FAF1



002A26



B5FFFF



001012



D2FFFF



000000



F0FFFF



1E8B84



1E8B84



108B83



2C8B85

■ 028B82

■ 3A8B86

■ 008B82

■ 488B87

■ 568B88

■ 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.



488969



1E8B84



008A9D

Triad

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



1E8B84



8A73A6



9E754B

Complementary

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



1E8B84



8B1E25

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.



AD6C5D



1E8B84



A56B91

Square

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



1E8B84



637DB1



B06876



867E47

Rectangle

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



1E8B84



1E87AA



B06876



A47150

Sweetspot

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



1E8B84



8AB5B2



258B1E



415C5A



DBDBDB



5C5C5C

Same Dimension

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



1E8B84



0BB5AA



1E5C8B



3E4544



00857C



000505

Inverse Universe

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



8B1E25



B50B16



8B4D1E



453E3E



850009



050000

Previews

White Background



This preview shows how the Hex color 1E8B84 looks on a white background.

Color Contrast Check

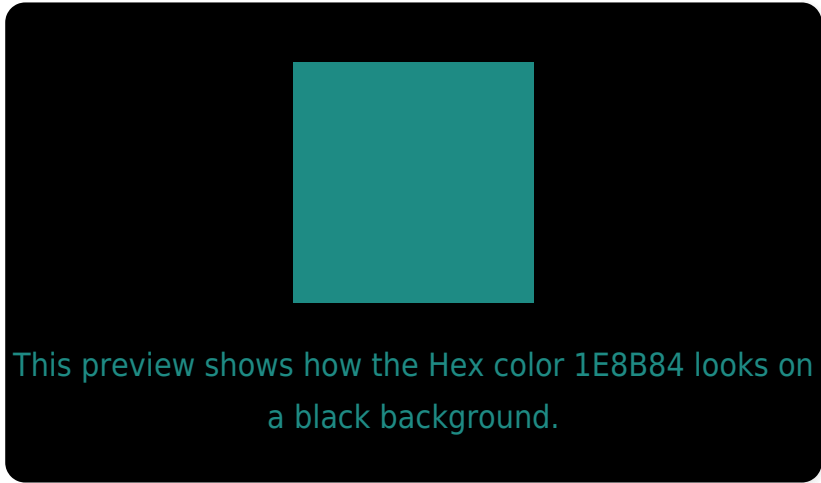
Large Text (above 18pt) WCAG AA ✓ Pass

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

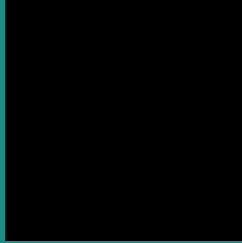
Any Text WCAG AA ✓ Pass

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 1E8B84 Background



This preview shows how black text looks on a background with the Hex color 1E8B84.

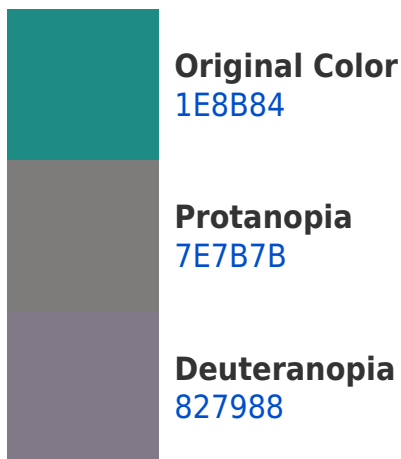



This preview shows how white text looks on a background with the Hex color 1E8B84.

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
2A8994

Trichromacy



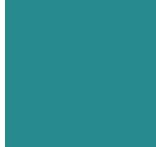
Original Color
1E8B84



Protanomaly
5B817E



Deuteranomaly
5E8087



Tritanomaly
268A8E

Monochromacy



Original Color
1E8B84



Achromatopsia
6A6A6A



Achromatomaly
4E7673

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E8B84 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 #1E8B84 looks like.

```
.text, #text, p{  
    color:#1E8B84  
}
```

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 #1E8B84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E8B84
}
```

Border

The CSS property to change the border of an element to Hex 1E8B84 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
#1E8B84 }
```

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

```
.border{ border-color:#1E8B84 }
```

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

Here you see how a box with a 4 pixel #1E8B84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E8B84; -webkit-box-shadow:4px 4px  
4px 4px #1E8B84; box-shadow:4px 4px 4px  
4px #1E8B84 }
```

Background

The CSS property to change the background color of an element to Hex 1E8B84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E8B84 }
```

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

```
.background{ background-color:#1E8B84 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor