

Converting Colors

Hex(1E8F80)

Have a look what the booklet for
Hex(1E8F80) contains.

Hex(1E8F80)	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(1E8F80)

Conversions

Conversions Part 1

Format	Color
Hex	1E8F80
RGB	30, 143, 128
RGB Percent	12%, 56%, 50%
CMY	0.8824, 0.4392, 0.4980
CMYK	0.79, 0.00, 0.10, 0.44
HSL	172°, 65%, 34%
HSV	172°, 79%, 56%
XYZ	14.2542, 21.4795, 23.8168
YIQ	107.5030, -62.5330, -28.6210

Conversions

Conversions Part 2

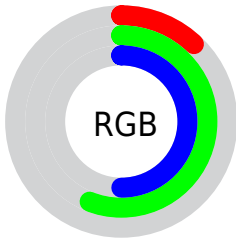
Format	Color
RYB	30, 91, 143
Decimal	2002816
CIELab	53.47, -33.79, -0.73
CIElCh	53, 33.802, 181.235
Yxy	21.4795, 0.2394, 0.3607
Android (android.graphics.Color)	4280192896 (0xFF1E8F80)
YUV	107.5030, 10.1050, -67.9701
Hunter-Lab	46.3459, -26.2059, 1.9736

Details

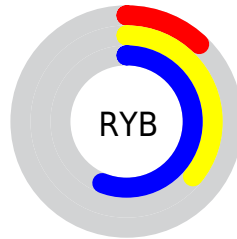
The Hex color **1E8F80** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8F1E2D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5FC5B5**, and **005C4F** is the 20% darker color. If you saturate the color by 10%, you get **108F7E**, and if you desaturate by 10%, it is **2C8F82**.

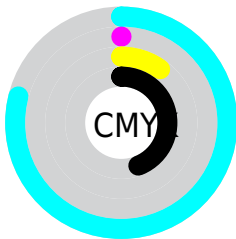
Distribution



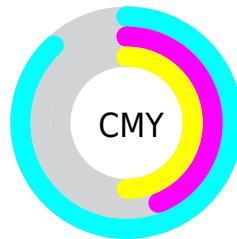
- Red (12%)
- Green (56%)
- Blue (50%)



- Red (12%)
- Yellow (36%)
- Blue (56%)



- Cyan (79%)
- Magenta (0%)
- Yellow (10%)
- Black (44%)



- Cyan (88%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E8F80 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 1E8F80 by changing the saturation by 10% instead.

 1E8F80

 1E8F80

FFFFFF

 007567

 5FC5B5

 005C4F

 7CE2D0

 004438

 99FFEC

 002D23

 B6FFFF

 00150D

 D3FFFF

 000000

 F1FFFF

 1E8F80

 1E8F80

 108F7E

 2C8F82

■ 018F7C

■ 3B8F84

■ 008F7C

■ 498F86

■ 578F88

■ 668F89

■ 748F8B

■ 828F8D

■ 908F8F

■ 9F8F91

Harmonies

Analogous

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



4F8D63



1E8F80



008E9D

Triad

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



1E8F80



8478B2



A9744D

Complementary

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



1E8F80



8F1E2D

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.



B66B63



1E8F80



A56E9C

Square

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



1E8F80



5582BA



B66880



917E45

Rectangle

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



1E8F80



008CAC



B66880



AF7153

Sweetspot

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



1E8F80



8DBAB4



2D8F1E



435E5B



DEDEDE



5E5E5E

Same Dimension

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



1E8F80



09BAA3



1E668F



404746



008775



000807

Inverse Universe

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



8F1E2D



BA0921



8F471E



474041



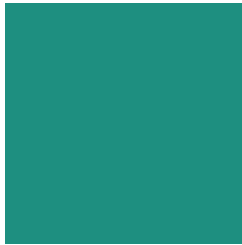
870012



080001

Previews

White Background



This preview shows how the Hex color 1E8F80 looks on a white background.

Color Contrast Check

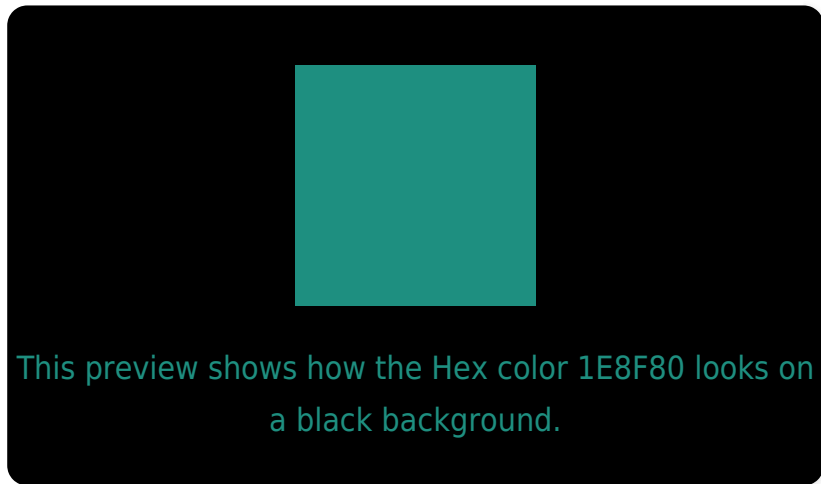
Large Text (above 18pt) WCAG AA ✓ Pass

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

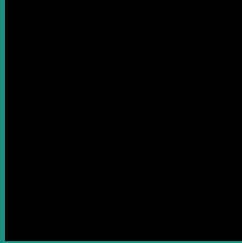
Any Text WCAG AA ✓ Pass

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 1E8F80 Background



This preview shows how black text looks on a background with the Hex color 1E8F80.

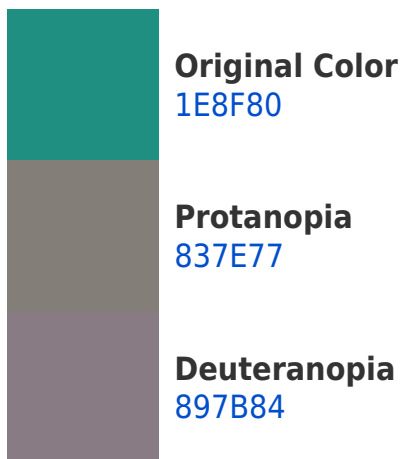


This preview shows how white text looks on a background with the Hex color 1E8F80.

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
2E8C97

Trichromacy



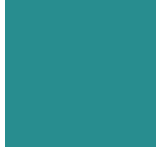
Original Color
1E8F80



Protanomaly
5E847A



Deuteranomaly
628283



Tritanomaly
288D8F

Monochromacy



Original Color
1E8F80



Achromatopsia
6C6C6C



Achromatomaly
507973

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E8F80 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 #1E8F80 looks like.

```
.text, #text, p{  
    color:#1E8F80  
}
```

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 #1E8F80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E8F80
}
```

Border

The CSS property to change the border of an element to Hex 1E8F80 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
#1E8F80 }
```

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

```
.border{ border-color:#1E8F80 }
```

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

Here you see how a box with a 4 pixel #1E8F80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E8F80; -webkit-box-shadow:4px 4px  
4px 4px #1E8F80; box-shadow:4px 4px 4px  
4px #1E8F80 }
```

Background

The CSS property to change the background color of an element to Hex 1E8F80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E8F80 }
```

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

```
.background{ background-color:#1E8F80 }
```

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