

# Converting Colors

Hex(1E8C87)

Have a look what the booklet for  
Hex(1E8C87) contains.

<b>Hex(1E8C87)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(1E8C87)

# Conversions

## Conversions Part 1

Format	Color
Hex	1E8C87
RGB	30, 140, 135
RGB Percent	12%, 55%, 53%
CMY	0.8824, 0.4510, 0.4706
CMYK	0.79, 0.00, 0.04, 0.45
HSL	177°, 65%, 33%
HSV	177°, 79%, 55%
XYZ	14.2867, 20.7815, 26.1799
YIQ	106.5400, -63.9550, -24.8750

# Conversions

## Conversions Part 2

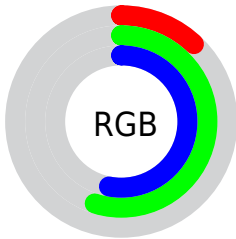
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 86, 140
Decimal	2002055
CIELab	52.71, -30.31, -5.90
CIELCh	53, 30.882, 191.015
Yxy	20.7815, 0.2333, 0.3393
Android (android.graphics.Color)	4280192135 (0xFF1E8C87)
YUV	106.5400, 14.0308, -67.1256
Hunter-Lab	45.5867, -23.8355, -2.1389

# Details

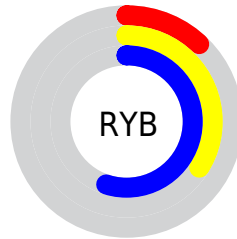
The Hex color **1E8C87** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8C1E23**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **60C2BC**, and **005955** is the 20% darker color. If you saturate the color by 10%, you get **108C86**, and if you desaturate by 10%, it is **2C8C88**.

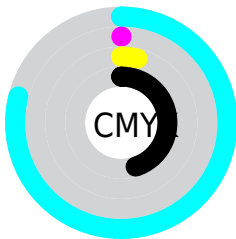
# Distribution



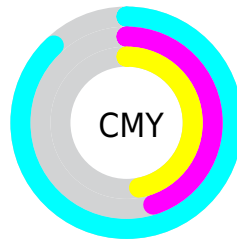
- Red (12%)
- Green (55%)
- Blue (53%)



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



- Cyan (79%)
- Magenta (0%)
- Yellow (4%)
- Black (45%)



- Cyan (88%)
- Magenta (45%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E8C87 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 1E8C87 by changing the saturation by 10% instead.





1E8C87



1E8C87

FFFFFF



00726E



60C2BC



005955



7CDED8



00413E



99FBF4



002A29



B6FFFF



001214



D3FFFF



000000



F1FFFF



1E8C87



1E8C87



108C86



2C8C88

■ 028C86

■ 3A8C88

■ 008C86

■ 488C89

■ 568C8A

■ 648C8A

■ 728C8B

■ 808C8B

■ 8E8C8C

■ 9C8C8D

# Harmonies

## Analogous

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



478B6C



1E8C87



008AA0

# Triad

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



1E8C87



8D73A6



9E764C

# Complementary

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



1E8C87



8C1E23

# 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.



AD6E5C



1E8C87



A76B90

# Square

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



1E8C87



677DB2



B16975



867F49

# Rectangle

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



1E8C87



2687AC



B16975



A47350



# Sweetspot

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



1E8C87



8AB5B3



238C1E



415C5B



DBDBDB



5C5C5C



# Same Dimension

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



1E8C87



0BB5AD



1E5B8C



3E4545



00857F



000505



# Inverse Universe

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



8C1E23



B50B13



8C501E



453E3E



850006



050000



# Previews

## White Background



This preview shows how the Hex color 1E8C87 looks on a white background.

## Color Contrast Check

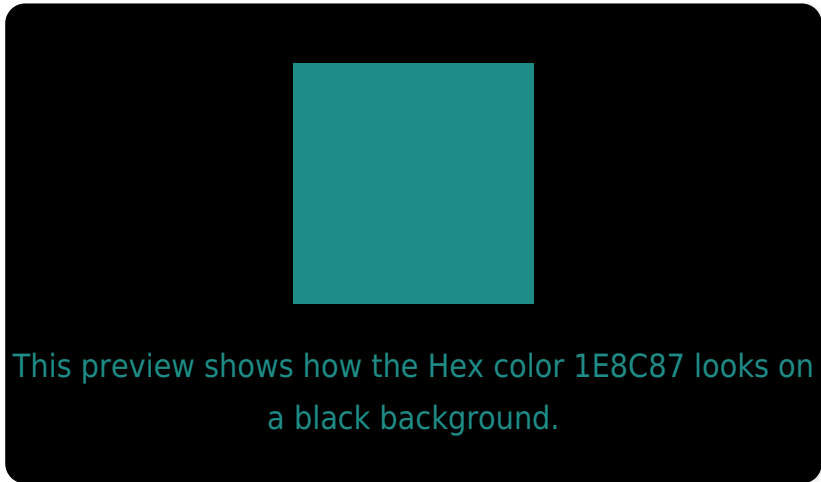
Large Text (above 18pt) WCAG AA ✓ Pass

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

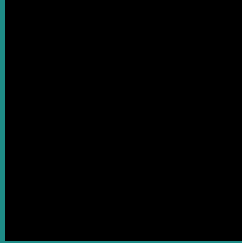
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1E8C87 Background



This preview shows how black text looks on a background with the Hex color 1E8C87.



This preview shows how white text looks on a background with the Hex color 1E8C87.

# 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



**Original Color**  
1E8C87

**Protanopia**  
7F7C7E

**Deuteranopia**  
837A8B



**Tritanopia**  
298A95

# Trichromacy



**Original Color**  
1E8C87

**Protanomaly**  
5C8281

**Deuteranomaly**  
5E818A

**Tritanomaly**  
258B90

# Monochromacy



**Original Color**  
1E8C87

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
4F7775

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E8C87 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 #1E8C87 looks like.

```
.text, #text, p{  
    color:#1E8C87  
}
```

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 #1E8C87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E8C87
}
```

## Border

The CSS property to change the border of an element to Hex 1E8C87 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
#1E8C87 }
```

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

```
.border{ border-color:#1E8C87 }
```

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

Here you see how a box with a 4 pixel #1E8C87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E8C87; -webkit-box-shadow:4px 4px  
4px 4px #1E8C87; box-shadow:4px 4px 4px  
4px #1E8C87 }
```

# Background

The CSS property to change the background color of an element to Hex 1E8C87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E8C87 }
```

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

```
.background{ background-color:#1E8C87 }
```

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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