

# Converting Colors

Hex(1E8997)

Have a look what the booklet for  
Hex(1E8997) contains.

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# Color

**Hex(1E8997)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E8997
RGB	30, 137, 151
RGB Percent	12%, 54%, 59%
CMY	0.8824, 0.4627, 0.4078
CMYK	0.80, 0.09, 0.00, 0.41
HSL	187°, 67%, 35%
HSV	187°, 80%, 59%
XYZ	15.0670, 20.4017, 32.4220
YIQ	106.6030, -68.2660, -18.3300

# Conversions

## Conversions Part 2

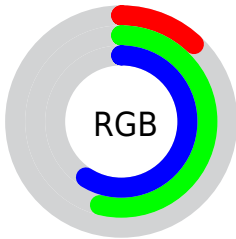
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 87, 151
Decimal	2001303
CIELab	52.29, -23.74, -15.82
CIElCh	52, 28.528, 213.667
Yxy	20.4017, 0.2219, 0.3005
Android (android.graphics.Color)	4280191383 (0xFF1E8997)
YUV	106.6030, 21.8877, -67.1808
Hunter-Lab	45.1682, -19.5013, -10.9408




# Details

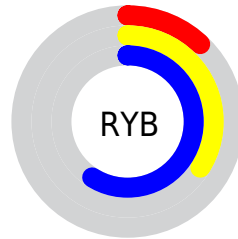
The Hex color **1E8997** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **972C1E**, and the grayscale version is **6A6A6A**.




A 20% lighter version of the original color is **61BFCD**, and **005764** is the 20% darker color. If you saturate the color by 10%, you get **0F8797**, and if you desaturate by 10%, it is **2D8B97**.

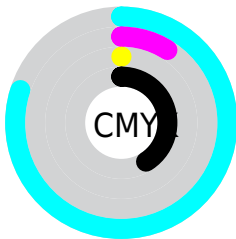
# Distribution







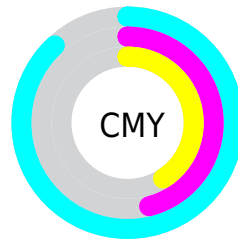
-  Red (12%)
-  Green (54%)
-  Blue (59%)






-  Red (12%)
-  Yellow (34%)
-  Blue (59%)



-  Cyan (80%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (41%)



-  Cyan (88%)
-  Magenta (46%)
-  Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E8997 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 1E8997 by changing the saturation by 10% instead.



1E8997

1E8997

FFFFFF

006F7D

61BFCD

005764

7EDBE9

003F4C

9BF7FF

002935

B8FFFF

001020

D6FFFF

000006

F3FFFF

000000

1E8997

1E8997

0F8797

2D8B97

■ 008697

■ 3C8C97

■ 4B8E97

■ 5A9097

■ 6A9297

■ 799397

■ 889597

■ 979797

■ A69997

# Harmonies

## Analogous

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



338A7F



1E8997



3685A8

# Triad

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



1E8997



9E6D93



8A7C4C

# Complementary

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



1E8997



972C1E

# 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.



9F7451



1E8997



AB6A7B

# Square

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



1E8997



8475A5



AB6D63



708353

# Rectangle

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



1E8997



5181AD



AB6D63



92794C



# Sweetspot

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



1E8997



95BFC4



1E972A



476063



E3E3E3



636363



# Same Dimension

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



1E8997



08AFC4



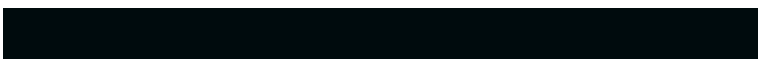
1E4E97



454C4D



007C8C



000B0D



# Inverse Universe

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



971E89



C408AF



97671E



4D454C



8C007C



0D000B



# Previews

## White Background



This preview shows how the Hex color 1E8997 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

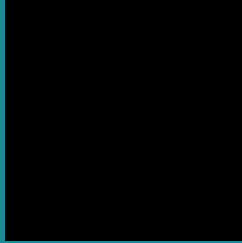
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1E8997 Background



This preview shows how black text looks on a background with the Hex color 1E8997.

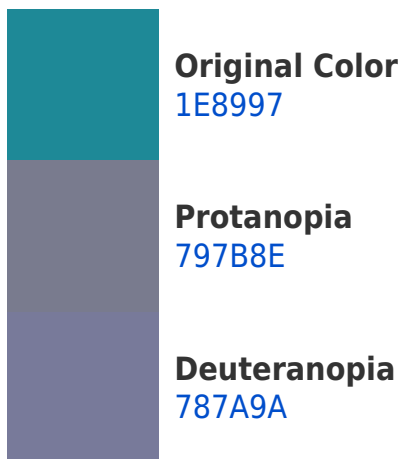


This preview shows how white text looks on a background with the Hex color 1E8997.

# 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**  
1B8995

# Trichromacy



**Original Color**  
1E8997

**Protanomaly**  
588091

**Deuteranomaly**  
577F99

**Tritanomaly**  
1C8996

# Monochromacy



**Original Color**  
1E8997

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
4F767B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E8997 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 #1E8997 looks like.

```
.text, #text, p{  
    color:#1E8997  
}
```

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 #1E8997 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E8997
}
```

## Border

The CSS property to change the border of an element to Hex 1E8997 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
#1E8997 }
```

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

```
.border{ border-color:#1E8997 }
```

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

Here you see how a box with a 4 pixel #1E8997 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E8997; -webkit-box-shadow:4px 4px  
4px 4px #1E8997; box-shadow:4px 4px 4px  
4px #1E8997 }
```

# Background

The CSS property to change the background color of an element to Hex 1E8997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E8997 }
```

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

```
.background{ background-color:#1E8997 }
```

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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