

# Converting Colors

Hex(1E968E)

Have a look what the booklet for  
Hex(1E968E) contains.

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# Color

Hex(1E968E)

# Conversions

## Conversions Part 1

Format	Color
Hex	1E968E
RGB	30, 150, 142
RGB Percent	12%, 59%, 56%
CMY	0.8824, 0.4118, 0.4431
CMYK	0.80, 0.00, 0.05, 0.41
HSL	176°, 67%, 35%
HSV	176°, 80%, 59%
XYZ	16.3243, 24.0417, 29.3713
YIQ	113.2080, -68.9520, -27.9280

# Conversions

## Conversions Part 2

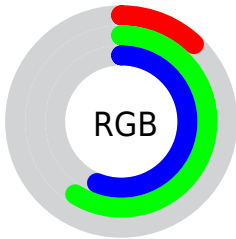
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 92, 150
Decimal	2004622
CIELab	56.13, -32.97, -4.87
CIELCh	56, 33.330, 188.393
Yxy	24.0417, 0.2341, 0.3447
Android (android.graphics.Color)	4280194702 (0xFF1E968E)
YUV	113.2080, 14.1945, -72.9734
Hunter-Lab	49.0323, -26.3789, -1.1932

# Details

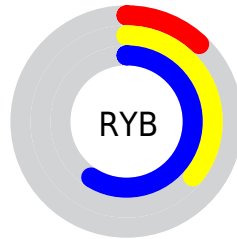
The Hex color **1E968E** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **961E26**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **62CDC4**, and **00625C** is the 20% darker color. If you saturate the color by 10%, you get **0F968D**, and if you desaturate by 10%, it is **2D968F**.

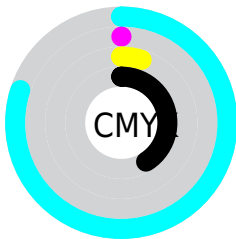
# Distribution



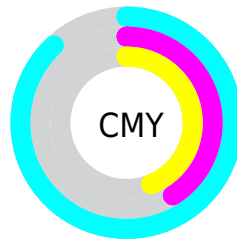
- Red (12%)
- Green (59%)
- Blue (56%)



- Red (12%)
- Yellow (36%)
- Blue (59%)



- Cyan (80%)
- Magenta (0%)
- Yellow (5%)
- Black (41%)



- Cyan (88%)
- Magenta (41%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E968E 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 1E968E by changing the saturation by 10% instead.



 1E968E

 1E968E

FFFFFF

 007C74

 62CDC4

 00625C

 7FE9E0

 004A44

 9CFFFC

 00322E

 B9FFF

 001E1A

 D7FFF

 000000

 F5FFF

 1E968E

 1E968E

 0F968D

 2D968F

■ 00968C

■ 3C9690

■ 4B9691

■ 5A9692

■ 699693

■ 789694

■ 879695

■ 969696

■ A59697

# Harmonies

## Analogous

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



4E9470



1E968E



0094AA

# Triad

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



1E968E



947CB4



AB7E51

# Complementary

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



1E968E



961E26

# 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.



BB7464



1E968E



B1739D

# Square

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



1E968E



6987C0



BE707F



91874C

# Rectangle

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



1E968E



1B91B7



BE707F



B27A56



# Sweetspot

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



1E968E



93C2BF



26961E



45615F



E0E0E0



616161



# Same Dimension

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



1E968E



08C2B5



1E6296



434A49



008A81



000A0A



# Inverse Universe

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



961E26



C20814



96521E



4A4343



8A0009



0A0001



# Previews

## White Background



This preview shows how the Hex color 1E968E looks on a white background.

## Color Contrast Check

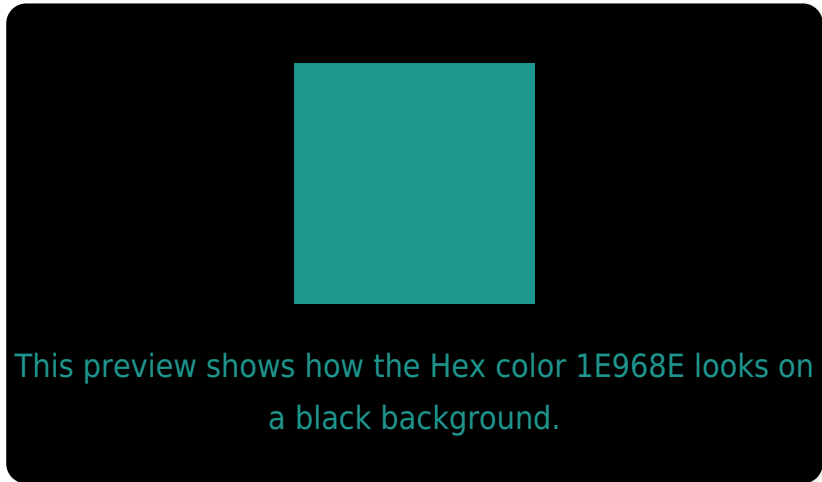
Large Text (above 18pt) WCAG AA ✓ Pass

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

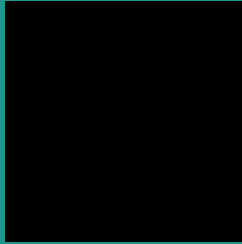
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1E968E Background



This preview shows how black text looks on a background with the Hex color 1E968E.

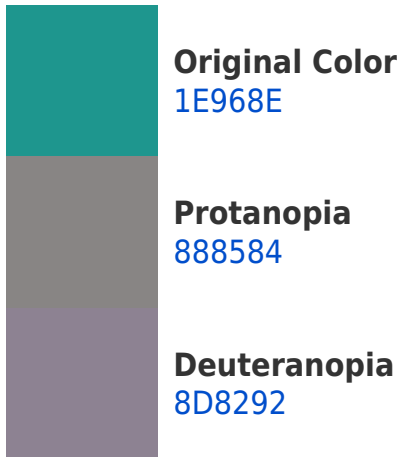


This preview shows how white text looks on a background with the Hex color 1E968E.

# 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**  
2C939F

# Trichromacy



**Original Color**  
1E968E



**Protanomaly**  
618B88



**Deuteranomaly**  
658991



**Tritanomaly**  
279499

# Monochromacy



**Original Color**  
1E968E



**Achromatopsia**  
717171



**Achromatomaly**  
537E7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E968E 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 #1E968E looks like.

```
.text, #text, p{  
    color:#1E968E  
}
```

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 #1E968E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E968E
}
```

## Border

The CSS property to change the border of an element to Hex 1E968E 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
#1E968E }
```

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

```
.border{ border-color:#1E968E }
```

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

Here you see how a box with a 4 pixel #1E968E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E968E; -webkit-box-shadow:4px 4px  
4px 4px #1E968E; box-shadow:4px 4px 4px  
4px #1E968E }
```

# Background

The CSS property to change the background color of an element to Hex 1E968E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E968E }
```

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

```
.background{ background-color:#1E968E }
```

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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