

Converting Colors

Hex(1E8967)

Have a look what the booklet for
Hex(1E8967) contains.

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Color

Hex(1E8967)

Conversions

Conversions Part 1

Format	Color
Hex	1E8967
RGB	30, 137, 103
RGB Percent	12%, 54%, 40%
CMY	0.8824, 0.4627, 0.5961
CMYK	0.78, 0.00, 0.25, 0.46
HSL	161°, 64%, 33%
HSV	161°, 78%, 54%
XYZ	11.9293, 19.1466, 15.8989
YIQ	101.1310, -52.8580, -33.2580

Conversions

Conversions Part 2

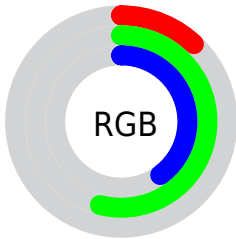
Format	Color
RYB	30, 94, 137
Decimal	2001255
CIELab	50.86, -37.84, 9.96
CIELCh	51, 39.131, 165.261
Yxy	19.1466, 0.2540, 0.4076
Android (android.graphics.Color)	4280191335 (0xFF1E8967)
YUV	101.1310, 0.9214, -62.3819
Hunter-Lab	43.7568, -27.9107, 9.0870

Details

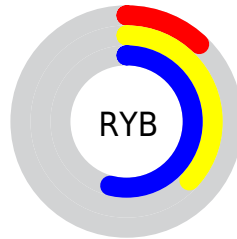
The Hex color **1E8967** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **891E40**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **5DBF9A**, and **005638** is the 20% darker color. If you saturate the color by 10%, you get **108963**, and if you desaturate by 10%, it is **2C896B**.

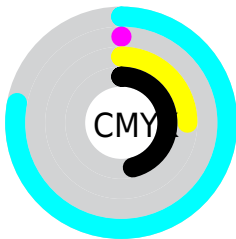
Distribution



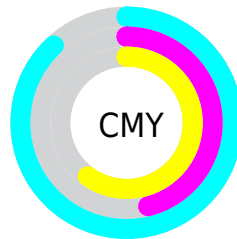
- Red (12%)
- Green (54%)
- Blue (40%)



- Red (12%)
- Yellow (37%)
- Blue (54%)



- Cyan (78%)
- Magenta (0%)
- Yellow (25%)
- Black (46%)



- Cyan (88%)
- Magenta (46%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E8967 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 1E8967 by changing the saturation by 10% instead.



1E8967



1E8967

FFFFFF



006F4F



5DBF9A



005638



79DBB5



003E22



95F8D0



00280D



B2FFED



000600



CFFFFFF



000000



ECFFFF



1E8967



1E8967



108963



2C896B

03895E

398970

00895D

478974

558978

63897D

708981

7E8985

8C898A

99898E

Harmonies

Analogous

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



578548



1E8967



008A8A

Triad

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



1E8967



6077B9



B0654B

Complementary

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



1E8967



891E40

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.



B85D69



1E8967



926AA8

Square

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



1E8967



0081B9



AF5F8B



9B7138

Rectangle

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



1E8967



00899F



AF5F8B



B56254

Sweetspot

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



1E8967



89B3A5



42891E



405951



D9D9D9



595959

Same Dimension

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



1E8967



0BB37D



1E7789



3E4543



00855A



000503

Inverse Universe

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



891E40



B30B40



89301E



453E40



85002A



050002

Previews

White Background



This preview shows how the Hex color 1E8967 looks on a white background.

Color Contrast Check

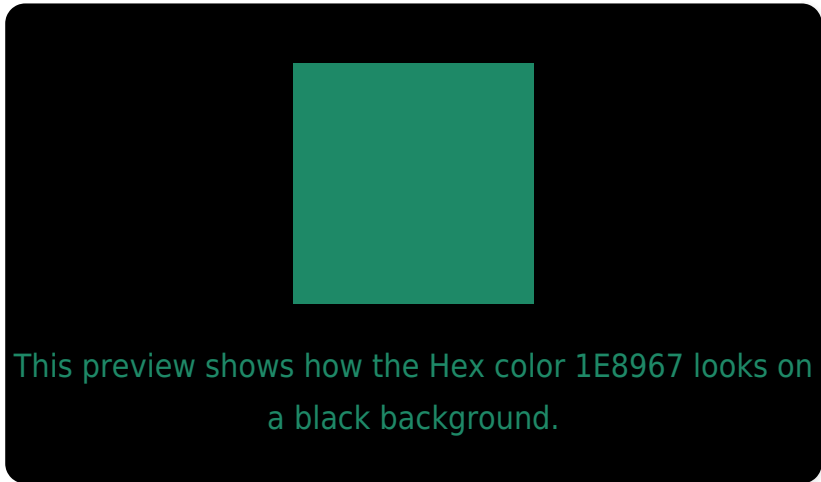
Large Text (above 18pt) WCAG AA ✓ Pass

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

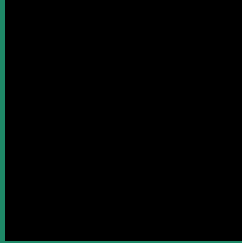
Any Text WCAG AA ✓ Pass

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 1E8967 Background



This preview shows how black text looks on a background with the Hex color 1E8967.

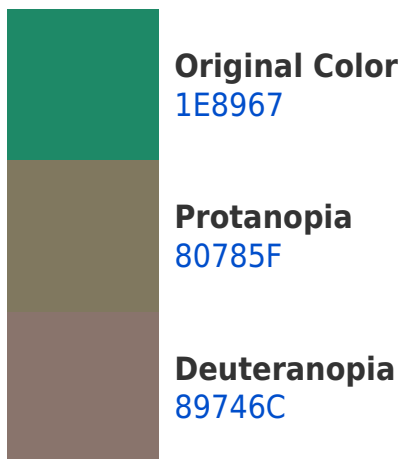


This preview shows how white text looks on a background with the Hex color 1E8967.

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
34848E

Trichromacy



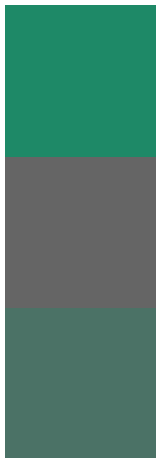
Original Color
1E8967

Protanomaly
5C7E62

Deuteranomaly
627C6A

Tritanomaly
2C8680

Monochromacy



Original Color
1E8967

Achromatopsia
656565

Achromatomaly
4B7266

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E8967 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 #1E8967 looks like.

```
.text, #text, p{  
    color:#1E8967  
}
```

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 #1E8967 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E8967
}
```

Border

The CSS property to change the border of an element to Hex 1E8967 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
#1E8967 }
```

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

```
.border{ border-color:#1E8967 }
```

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

Here you see how a box with a 4 pixel #1E8967 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E8967; -webkit-box-shadow:4px 4px  
4px 4px #1E8967; box-shadow:4px 4px 4px  
4px #1E8967 }
```

Background

The CSS property to change the background color of an element to Hex 1E8967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E8967 }
```

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

```
.background{ background-color:#1E8967 }
```

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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