

# Converting Colors

Hex(1B867C)

Have a look what the booklet for  
Hex(1B867C) contains.

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# Color

Hex(1B867C)

# Conversions

## Conversions Part 1

Format	Color
Hex	1B867C
RGB	27, 134, 124
RGB Percent	11%, 53%, 49%
CMY	0.8941, 0.4745, 0.5137
CMYK	0.80, 0.00, 0.07, 0.47
HSL	174°, 66%, 32%
HSV	174°, 80%, 53%
XYZ	12.6152, 18.7384, 22.0208
YIQ	100.8670, -60.5620, -25.7940

# Conversions

## Conversions Part 2

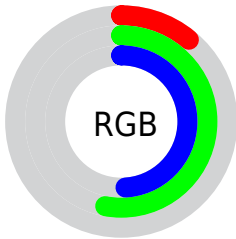
<b>Format</b>	<b>Color</b>
<b>RYB</b>	27, 83, 134
Decimal	1803900
CIELab	50.38, -31.07, -2.95
CIElCh	50, 31.211, 185.420
Yxy	18.7384, 0.2364, 0.3511
Android (android.graphics.Color)	4279993980 (0xFF1B867C)
YUV	100.8670, 11.4046, -64.7814
Hunter-Lab	43.2879, -23.7345, 0.1404

# Details

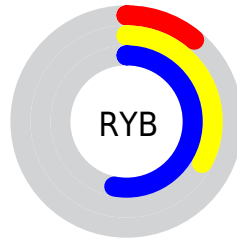
The Hex color **1B867C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **861B25**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **5CBCB0**, and **00544B** is the 20% darker color. If you saturate the color by 10%, you get **0E867B**, and if you desaturate by 10%, it is **28867D**.

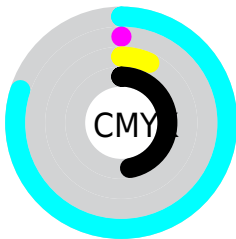
# Distribution



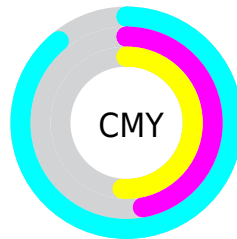
- Red (11%)
- Green (53%)
- Blue (49%)



- Red (11%)
- Yellow (33%)
- Blue (53%)



- Cyan (80%)
- Magenta (0%)
- Yellow (7%)
- Black (47%)



- Cyan (89%)
- Magenta (47%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1B867C 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 1B867C by changing the saturation by 10% instead.





1B867C



1B867C

FFFFFF



006C63



5CBCB0



00544B



78D8CC



003C35



95F4E8



002620



B1FFFF



000308



CFFFFFF



000000



ECFFFF



1B867C



1B867C



0E867B



28867D

■ 008679

■ 36867F

■ 438680

■ 518681

■ 5E8682

■ 6B8684

■ 798685

■ 868686

■ 948687

# Harmonies

## Analogous

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



478461



1B867C



008596

# Triad

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



1B867C



816FA3



9B6F48

# Complementary

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



1B867C



861B25

# 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.



A9665A



1B867C



9D668F

# Square

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



1B867C



5879AD



AA6374



847842

# Rectangle

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



1B867C



0582A3



AA6374



A16C4D



# Sweetspot

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



1B867C



84ADAA



26861B



3E5754



D6D6D6



575757



# Same Dimension

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



1B867C



07AD9E



1B5B86



3C4242



008276



000302



# Inverse Universe

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



861B25



AD0716



86461B



423C3C



82000C



030000



# Previews

## White Background



This preview shows how the Hex color 1B867C looks on a white background.

## Color Contrast Check

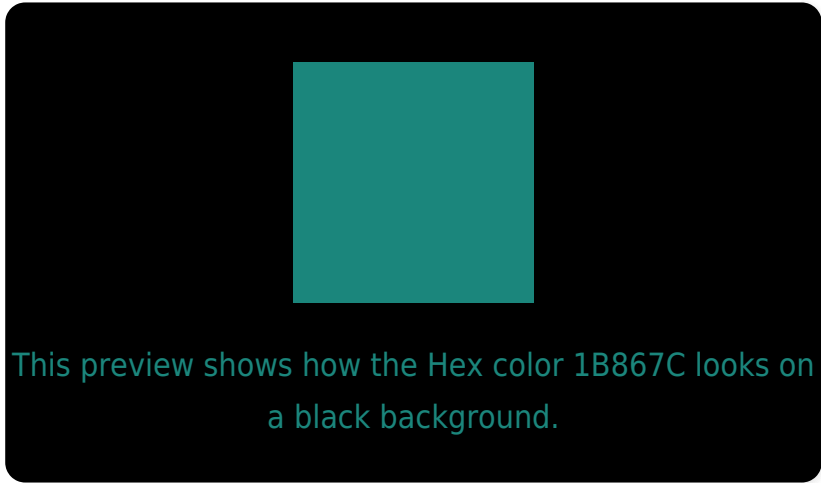
Large Text (above 18pt) WCAG AA ✓ Pass

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

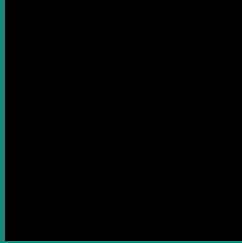
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1B867C Background



This preview shows how black text looks on a background with the Hex color 1B867C.

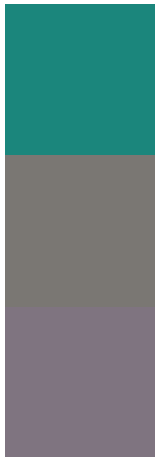


This preview shows how white text looks on a background with the Hex color 1B867C.

# 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**  
1B867C

**Protanopia**  
7A7773

**Deuteranopia**  
7F7480



**Tritanopia**  
29838E

# Trichromacy



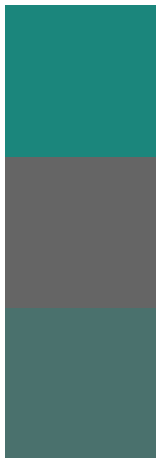
**Original Color**  
1B867C

**Protanomaly**  
577C76

**Deuteranomaly**  
5B7B7F

**Tritanomaly**  
248487

# Monochromacy



**Original Color**  
1B867C

**Achromatopsia**  
656565

**Achromatomaly**  
4A716D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1B867C 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 #1B867C looks like.

```
.text, #text, p{  
    color:#1B867C  
}
```

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 #1B867C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B867C  
}
```

## Border

The CSS property to change the border of an element to Hex 1B867C 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  
#1B867C }
```

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

```
.border{ border-color:#1B867C }
```

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

Here you see how a box with a 4 pixel #1B867C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B867C; -webkit-box-shadow:4px 4px  
4px 4px #1B867C; box-shadow:4px 4px 4px  
4px #1B867C }
```

# Background

The CSS property to change the background color of an element to Hex 1B867C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B867C }
```

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

```
.background{ background-color:#1B867C }
```

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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