

# Converting Colors

Hex(1D867F)

Have a look what the booklet for  
Hex(1D867F) contains.

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# Color

**Hex(1D867F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D867F
RGB	29, 134, 127
RGB Percent	11%, 53%, 50%
CMY	0.8863, 0.4745, 0.5020
CMYK	0.78, 0.00, 0.05, 0.47
HSL	176°, 64%, 32%
HSV	176°, 78%, 53%
XYZ	12.8626, 18.8437, 23.0379
YIQ	101.8070, -60.3330, -24.4370

# Conversions

## Conversions Part 2

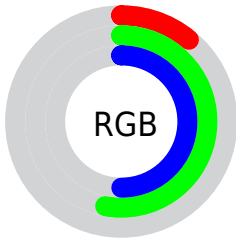
<b>Format</b>	<b>Color</b>
<b>RYB</b>	29, 83, 134
Decimal	1934975
CIELab	50.50, -29.95, -4.51
CIElCh	51, 30.289, 188.572
Yxy	18.8437, 0.2350, 0.3442
Android (android.graphics.Color)	4280125055 (0xFF1D867F)
YUV	101.8070, 12.4201, -63.8517
Hunter-Lab	43.4093, -23.0753, -1.0795

# Details

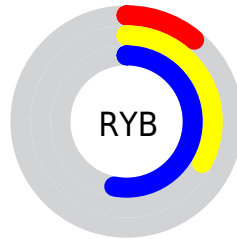
The Hex color **1D867F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **861D24**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5DBCBA**, and **00544E** is the 20% darker color. If you saturate the color by 10%, you get **10867E**, and if you desaturate by 10%, it is **2A8680**.

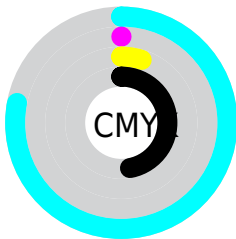
# Distribution



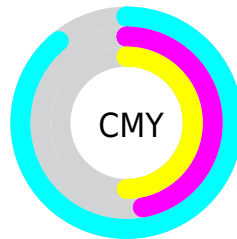
- Red (11%)
- Green (53%)
- Blue (50%)



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



- Cyan (78%)
- Magenta (0%)
- Yellow (5%)
- Black (47%)



- Cyan (89%)
- Magenta (47%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D867F 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 1D867F by changing the saturation by 10% instead.



 1D867F

 1D867F

FFFFFF

 006C66

 5DBCBA

 00544E

 7AD8CF

 003C37

 96F4EB

 002622

 B3FFFF

 00040D

 D0FFFF

 000000

 EDFFFF

 1D867F

 1D867F

 10867E

 2A8680

■ 02867D

■ 388681

■ 00867D

■ 458682

■ 538683

■ 608683

■ 6D8684

■ 7B8685

■ 888686

■ 968687

# Harmonies

## Analogous

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



458465



1D867F



008598

# Triad

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



1D867F



856FA1



997049

# Complementary

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



1D867F



861D24

# 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.



A76859



1D867F



9F678C

# Square

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



1D867F



5F78AB



AA6472



827944

# Rectangle

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



1D867F



1C82A4



AA6472



9F6D4D



# Sweetspot

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



1D867F



84ADAB



24861D



3E5755



D6D6D6



575757



# Same Dimension

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



1D867F



0AADA3



1D5986



3C4242



008279



000302



# Inverse Universe

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



861D24



AD0A15



864B1D



423C3C



820009

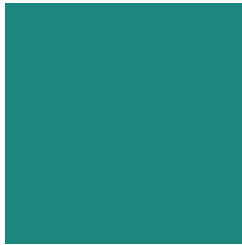


030000



# Previews

## White Background



This preview shows how the Hex color 1D867F looks on a white background.

## Color Contrast Check

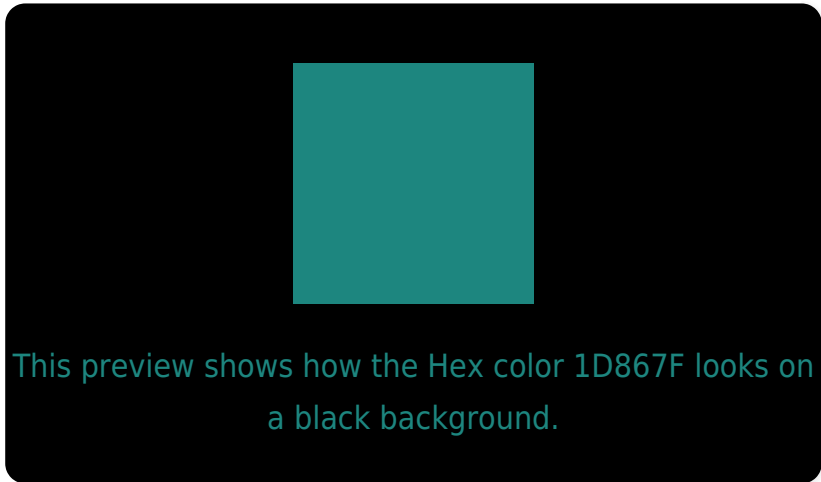
Large Text (above 18pt) WCAG AA ✓ Pass

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

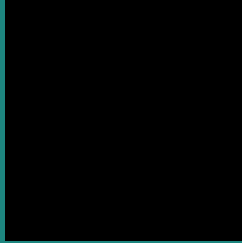
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1D867F Background



This preview shows how black text looks on a background with the Hex color 1D867F.

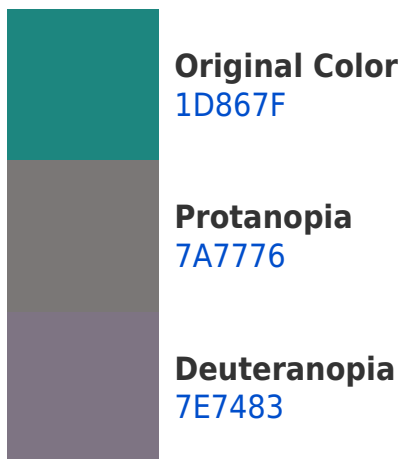


This preview shows how white text looks on a background with the Hex color 1D867F.

# 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**  
28848E

# Trichromacy



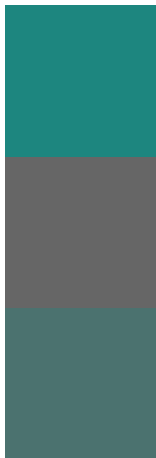
**Original Color**  
1D867F

**Protanomaly**  
587C79

**Deuteranomaly**  
5B7B82

**Tritanomaly**  
248589

# Monochromacy



**Original Color**  
1D867F

**Achromatopsia**  
666666

**Achromatomaly**  
4B726F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D867F 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 #1D867F looks like.

```
.text, #text, p{  
  color:#1D867F  
}
```

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 #1D867F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D867F
}
```

## Border

The CSS property to change the border of an element to Hex 1D867F 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
#1D867F }
```

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

```
.border{ border-color:#1D867F }
```

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

Here you see how a box with a 4 pixel #1D867F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D867F; -webkit-box-shadow:4px 4px  
4px 4px #1D867F; box-shadow:4px 4px 4px  
4px #1D867F }
```

# Background

The CSS property to change the background color of an element to Hex 1D867F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D867F }
```

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

```
.background{ background-color:#1D867F }
```

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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