

# Converting Colors

Hex(1E7867)

Have a look what the booklet for  
Hex(1E7867) contains.

<b>Hex(1E7867)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(1E7867)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E7867
RGB	30, 120, 103
RGB Percent	12%, 47%, 40%
CMY	0.8824, 0.5294, 0.5961
CMYK	0.75, 0.00, 0.14, 0.53
HSL	169°, 60%, 29%
HSV	169°, 75%, 47%
XYZ	9.7001, 14.6882, 15.1558
YIQ	91.1520, -48.1830, -24.3670

# Conversions

## Conversions Part 2

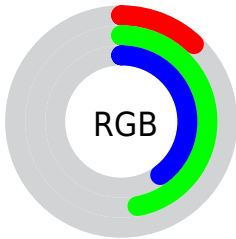
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 80, 120
Decimal	1996903
CIE <sub>Lab</sub>	45.20, -30.15, 1.87
CIE <sub>LCh</sub>	45, 30.211, 176.443
Yxy	14.6882, 0.2453, 0.3714
Android (android.graphics.Color)	4280186983 (0xFF1E7867)
YUV	91.1520, 5.8411, -53.6303
Hunter-Lab	38.3252, -21.8910, 3.3813

# Details

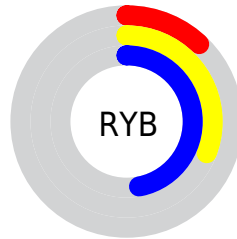
The Hex color **1E7867** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **781E2F**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **59AD9A**, and **004738** is the 20% darker color. If you saturate the color by 10%, you get **127865**, and if you desaturate by 10%, it is **2A7869**.

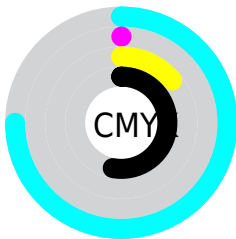
# Distribution



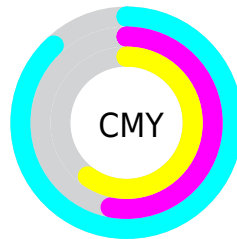
- Red (12%)
- Green (47%)
- Blue (40%)



- Red (12%)
- Yellow (31%)
- Blue (47%)



- Cyan (75%)
- Magenta (0%)
- Yellow (14%)
- Black (53%)



- Cyan (88%)
- Magenta (53%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E7867 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 1E7867 by changing the saturation by 10% instead.



 1E7867

 1E7867


FFFFFF

 005F4F

 59AD9A

 004738

 75C8B5

 002F23

 90E5D0

 001B0D

 ACFFED

 000000

 C9FFFF

 E6FFFF

 1E7867

 1E7867

 127865

 2A7869

067862

36786C

007861

42786E

4E7870

5A7872

667875

727877

7E7879

8A787B

# Harmonies

## Analogous

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



46754E



1E7867



007881

# Triad

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



1E7867



696698



916042

# Complementary

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



1E7867



781E2F

# 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.



9B5856



1E7867



885C87

# Square

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



1E7867



3E6E9D



98576F



7E6838

# Rectangle

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



1E7867



00768F



98576F



955D48



# Sweetspot

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



1E7867



789C95



30781E



394F4B



CFCFCF



4F4F4F



# Same Dimension

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



1E7867



109C81



1E5D78



373D3C



007D65



00FCCD



# Inverse Universe

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



781E2F



9C102A



78391E



3D3738



7D0018



FC0030



# Previews

## White Background



This preview shows how the Hex color 1E7867 looks on a white background.

## Color Contrast Check

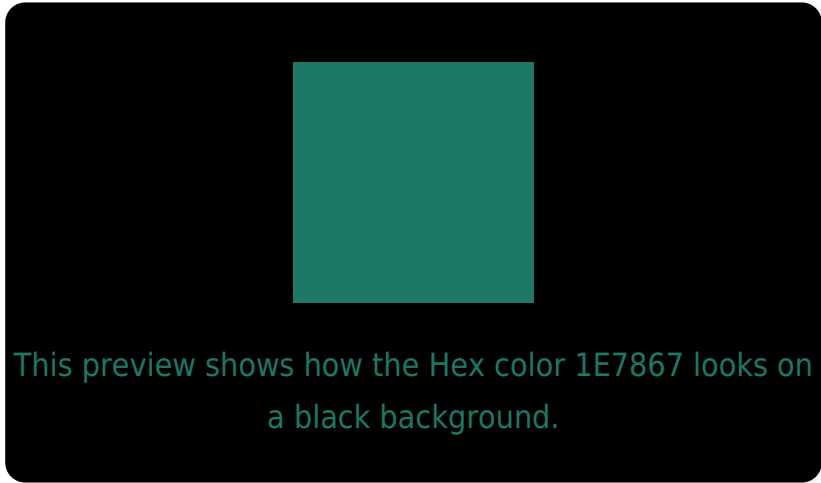
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

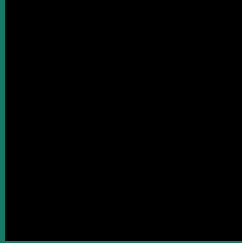
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1E7867 Background



This preview shows how black text looks on a background with the Hex color 1E7867.



This preview shows how white text looks on a background with the Hex color 1E7867.

# 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**  
1E7867

**Protanopia**  
6F6A60

**Deuteranopia**  
74676B



**Tritanopia**  
2B757E

# Trichromacy



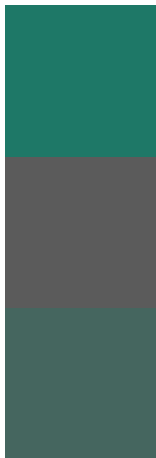
**Original Color**  
1E7867

**Protanomaly**  
526F63

**Deuteranomaly**  
556D6A

**Tritanomaly**  
267676

# Monochromacy



**Original Color**  
1E7867

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
45665F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E7867 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 #1E7867 looks like.

```
.text, #text, p{  
    color:#1E7867  
}
```

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 #1E7867 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E7867  
}
```

## Border

The CSS property to change the border of an element to Hex 1E7867 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  
#1E7867 }
```

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

```
.border{ border-color:#1E7867 }
```

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

Here you see how a box with a 4 pixel #1E7867 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E7867; -webkit-box-shadow:4px 4px  
4px 4px #1E7867; box-shadow:4px 4px 4px  
4px #1E7867 }
```

# Background

The CSS property to change the background color of an element to Hex 1E7867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E7867 }
```

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

```
.background{ background-color:#1E7867 }
```

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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