

# Converting Colors

Hex(1E7769)

Have a look what the booklet for  
Hex(1E7769) contains.

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# Color

**Hex(1E7769)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E7769
RGB	30, 119, 105
RGB Percent	12%, 47%, 41%
CMY	0.8824, 0.5333, 0.5882
CMYK	0.75, 0.00, 0.12, 0.53
HSL	171°, 60%, 29%
HSV	171°, 75%, 47%
XYZ	9.6820, 14.4896, 15.6511
YIQ	90.7930, -48.5500, -23.2220

# Conversions

## Conversions Part 2

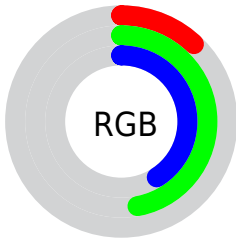
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 78, 119
Decimal	1996649
CIE <sub>Lab</sub>	44.93, -29.10, 0.28
CIE <sub>LCh</sub>	45, 29.104, 179.450
Yxy	14.4896, 0.2431, 0.3639
Android (android.graphics.Color)	4280186729 (0xFF1E7769)
YUV	90.7930, 7.0041, -53.3155
Hunter-Lab	38.0652, -21.2118, 2.2677

# Details

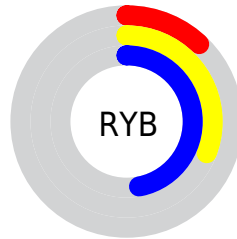
The Hex color **1E7769** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **771E2C**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **59AC9C**, and **00463A** is the 20% darker color. If you saturate the color by 10%, you get **127767**, and if you desaturate by 10%, it is **2A776B**.

# Distribution



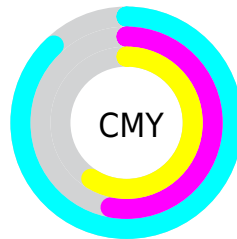
- Red (12%)
- Green (47%)
- Blue (41%)



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



- Cyan (75%)
- Magenta (0%)
- Yellow (12%)
- Black (53%)



- Cyan (88%)
- Magenta (53%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E7769 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 1E7769 by changing the saturation by 10% instead.



 1E7769

 1E7769

FFFFFF

 005E51

 59AC9C

 00463A

 75C7B7

 002F25

 90E4D3

 001A0F

 ACFFE5

 000000

 C9FFFF

 E6FFFF

 1E7769

 1E7769

 127767

 2A776B

067765

36776D

007764

42776F

4E7770

5A7772

657774

717776

7D7778

89777A

# Harmonies

## Analogous

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



447551



1E7769



007781

# Triad

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



1E7769



6C6495



8E6041

# Complementary

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



1E7769



771E2C

# 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.



985954



1E7769



885C83

# Square

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



1E7769



446D9A



97576C



7A6939

# Rectangle

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



1E7769



00758E



97576C



925D46



# Sweetspot

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



1E7769



799C96



2D771E



3A4F4C



CFCFCF



4F4F4F



# Same Dimension

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



1E7769



109C86



1E5977



353B3A



007A67



00FAD3



# Inverse Universe

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



771E2C



9C1026



773C1E



3B3536



7A0013



FA0027



# Previews

## White Background



This preview shows how the Hex color 1E7769 looks on a white background.

## Color Contrast Check

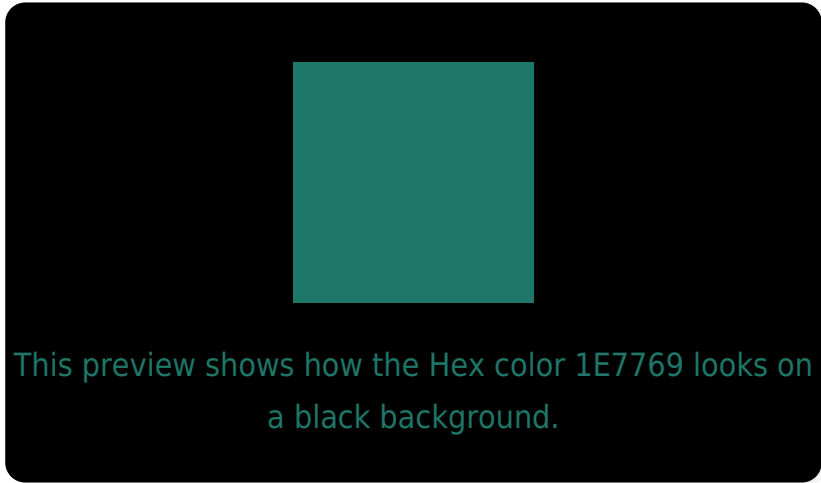
Large Text (above 18pt) WCAG AA ✓ Pass

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

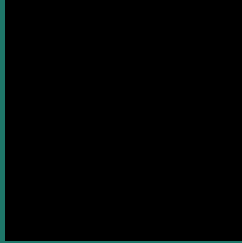
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1E7769 Background



This preview shows how black text looks on a background with the Hex color 1E7769.

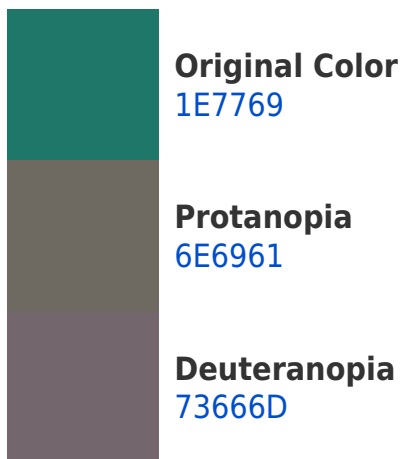


This preview shows how white text looks on a background with the Hex color 1E7769.

# 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**  
2A747D

# Trichromacy



**Original Color**  
1E7769

**Protanomaly**  
516E64

**Deuteranomaly**  
546C6C

**Tritanomaly**  
267576

# Monochromacy



**Original Color**  
1E7769

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
456560

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E7769 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 #1E7769 looks like.

```
.text, #text, p{  
    color:#1E7769  
}
```

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 #1E7769 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E7769
}
```

## Border

The CSS property to change the border of an element to Hex 1E7769 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
#1E7769 }
```

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

```
.border{ border-color:#1E7769 }
```

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

Here you see how a box with a 4 pixel #1E7769 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E7769; -webkit-box-shadow:4px 4px  
4px 4px #1E7769; box-shadow:4px 4px 4px  
4px #1E7769 }
```

# Background

The CSS property to change the background color of an element to Hex 1E7769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E7769 }
```

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

```
.background{ background-color:#1E7769 }
```

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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