

Converting Colors

Hex(1E7C61)

Have a look what the booklet for
Hex(1E7C61) contains.

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Color

Hex(1E7C61)

Conversions

Conversions Part 1

Format	Color
Hex	1E7C61
RGB	30, 124, 97
RGB Percent	12%, 49%, 38%
CMY	0.8824, 0.5137, 0.6196
CMYK	0.76, 0.00, 0.22, 0.51
HSL	163°, 61%, 30%
HSV	163°, 76%, 49%
XYZ	9.9007, 15.5544, 13.7897
YIQ	92.8160, -47.3570, -28.3250

Conversions

Conversions Part 2

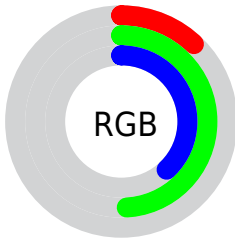
Format	Color
RYB	30, 85, 124
Decimal	1997921
CIELab	46.38, -33.64, 7.12
CIElCh	46, 34.385, 168.046
Yxy	15.5544, 0.2523, 0.3963
Android (android.graphics.Color)	4280188001 (0xFF1E7C61)
YUV	92.8160, 2.0627, -55.0896
Hunter-Lab	39.4391, -24.2079, 6.8768

Details

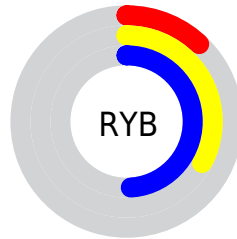
The Hex color **1E7C61** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **7C1E39**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **5AB194**, and **004A33** is the 20% darker color. If you saturate the color by 10%, you get **127C5D**, and if you desaturate by 10%, it is **2A7C65**.

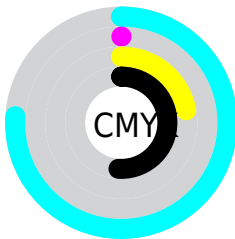
Distribution



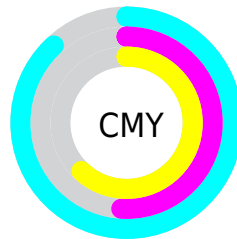
- Red (12%)
- Green (49%)
- Blue (38%)



- Red (12%)
- Yellow (33%)
- Blue (49%)



- Cyan (76%)
- Magenta (0%)
- Yellow (22%)
- Black (51%)



- Cyan (88%)
- Magenta (51%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E7C61 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 1E7C61 by changing the saturation by 10% instead.



1E7C61



1E7C61

FFFFFF



006349



5AB194



004A33



75CDAE



00331E



91E9CA



001F05



ADFFE6



000000



CAFFFF



E7FFFF



1E7C61



1E7C61



127C5D



2A7C65

■ 057C5A

■ 377C68

■ 007C58

■ 437C6C

■ 507C6F

■ 5C7C73

■ 687C76

■ 757C7A

■ 817C7D

■ 8E7C81

Harmonies

Analogous

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



4D7846



1E7C61



007D7F

Triad

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



1E7C61



5E6BA5



9D5E44

Complementary

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



1E7C61



7C1E39

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.



A5575E



1E7C61



866095

Square

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



1E7C61



1C74A6



9E577B



896835

Rectangle

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



1E7C61



007B91



9E577B



A15B4C

Sweetspot

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



1E7C61



7CA196



3A7C1E



3B524B



D1D1D1



525252

Same Dimension

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



1E7C61



0EA177



1E697C



373D3B



007D59



00FCB4

Inverse Universe

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



7C1E39



A10E38



7C311E



3D3739



7D0024



FC0049

Previews

White Background



This preview shows how the Hex color 1E7C61 looks on a white background.

Color Contrast Check

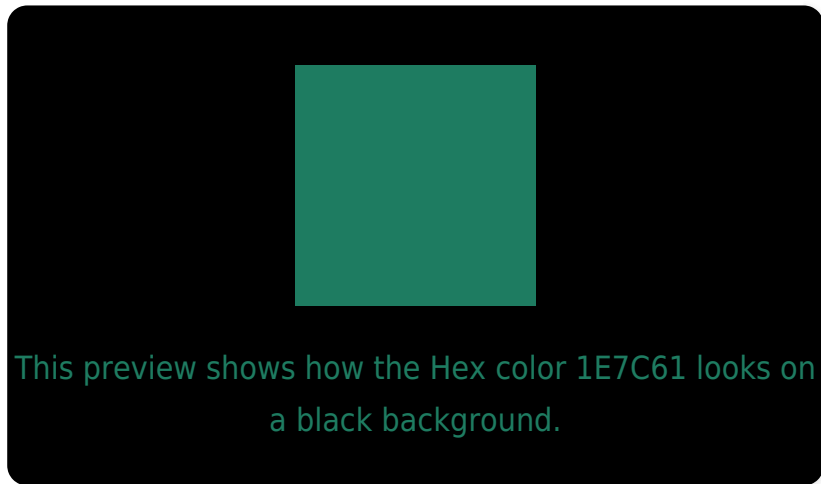
Large Text (above 18pt) WCAG AA ✓ Pass

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

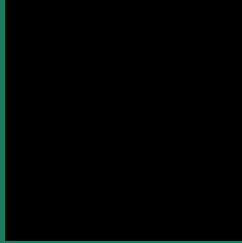
Any Text WCAG AA × Fail

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 1E7C61 Background



This preview shows how black text looks on a background with the Hex color 1E7C61.

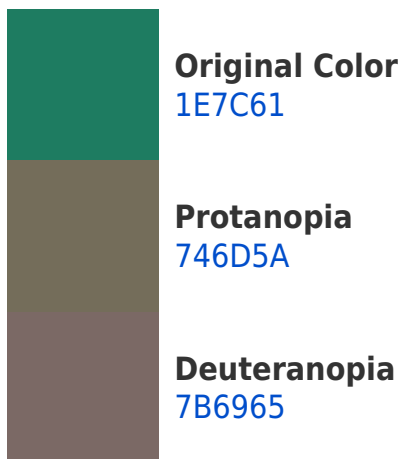


This preview shows how white text looks on a background with the Hex color 1E7C61.

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
2F7881

Trichromacy



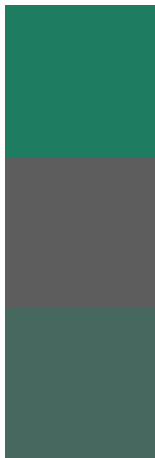
Original Color
1E7C61

Protanomaly
55725D

Deuteranomaly
597064

Tritanomaly
297975

Monochromacy



Original Color
1E7C61

Achromatopsia
5D5D5D

Achromatomaly
46685E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E7C61 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 #1E7C61 looks like.

```
.text, #text, p{  
    color:#1E7C61  
}
```

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 #1E7C61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E7C61
}
```

Border

The CSS property to change the border of an element to Hex 1E7C61 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
#1E7C61 }
```

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

```
.border{ border-color:#1E7C61 }
```

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

Here you see how a box with a 4 pixel #1E7C61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E7C61; -webkit-box-shadow:4px 4px  
4px 4px #1E7C61; box-shadow:4px 4px 4px  
4px #1E7C61 }
```

Background

The CSS property to change the background color of an element to Hex 1E7C61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E7C61 }
```

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

```
.background{ background-color:#1E7C61 }
```

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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