

Converting Colors

Hex(1E7E81)

Have a look what the booklet for
Hex(1E7E81) contains.

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Color

Hex(1E7E81)

Conversions

Conversions Part 1

Format	Color
Hex	1E7E81
RGB	30, 126, 129
RGB Percent	12%, 49%, 51%
CMY	0.8824, 0.5059, 0.4941
CMYK	0.77, 0.02, 0.00, 0.49
HSL	182°, 62%, 31%
HSV	182°, 77%, 51%
XYZ	11.9587, 16.7827, 23.3780
YIQ	97.6380, -58.1790, -19.4190

Conversions

Conversions Part 2

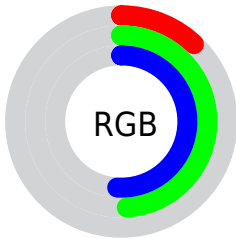
Format	Color
RYB	30, 79, 129
Decimal	1998465
CIELab	47.99, -25.25, -9.44
CIELCh	48, 26.960, 200.499
Yxy	16.7827, 0.2294, 0.3220
Android (android.graphics.Color)	4280188545 (0xFF1E7E81)
YUV	97.6380, 15.4615, -59.3185
Hunter-Lab	40.9667, -19.5852, -5.1576

Details

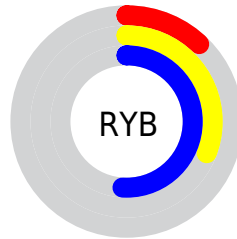
The Hex color **1E7E81** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **81211E**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **5DB3B6**, and **004C50** is the 20% darker color. If you saturate the color by 10%, you get **117E81**, and if you desaturate by 10%, it is **2B7E81**.

Distribution



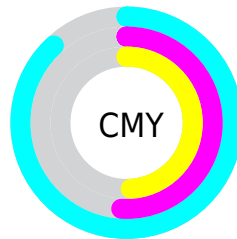
- Red (12%)
- Green (49%)
- Blue (51%)



- Red (12%)
- Yellow (31%)
- Blue (51%)



- Cyan (77%)
- Magenta (2%)
- Yellow (0%)
- Black (49%)



- Cyan (88%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E7E81 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 1E7E81 by changing the saturation by 10% instead.

 1E7E81

 1E7E81

FFFFFF

 006568

 5DB3B6

 004C50

 79CFD1

 003539

 95EBEE

 002123

 B2FFFF

 00010E


 CFFFFF

 000000

 ECFFFF

 1E7E81

 1E7E81

 117E81

 2B7E81

■ 047D81

■ 387F81

■ 007D81

■ 457F81

■ 528081

■ 5F8081

■ 6B8081

■ 788181

■ 858181

■ 928281

Harmonies

Analogous

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



3A7E6A



1E7E81



217C94

Triad

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



1E7E81



88678F



886E45

Complementary

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



1E7E81



81211E

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.



986650



1E7E81



99617A

Square

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



1E7E81



6A6F9C



9F6163



717547

Rectangle

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



1E7E81



39789C



9F6163



8E6B47

Sweetspot

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



1E7E81



82A7A8



1E8120



3D5354



D4D4D4



545454

Same Dimension

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



1E7E81



0DA4A8



1E4E81



394040



007C80



000000

Inverse Universe

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



811E7E



A80DA4



81511E



403940



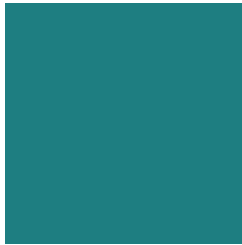
80007C



000000

Previews

White Background



This preview shows how the Hex color 1E7E81 looks on a white background.

Color Contrast Check

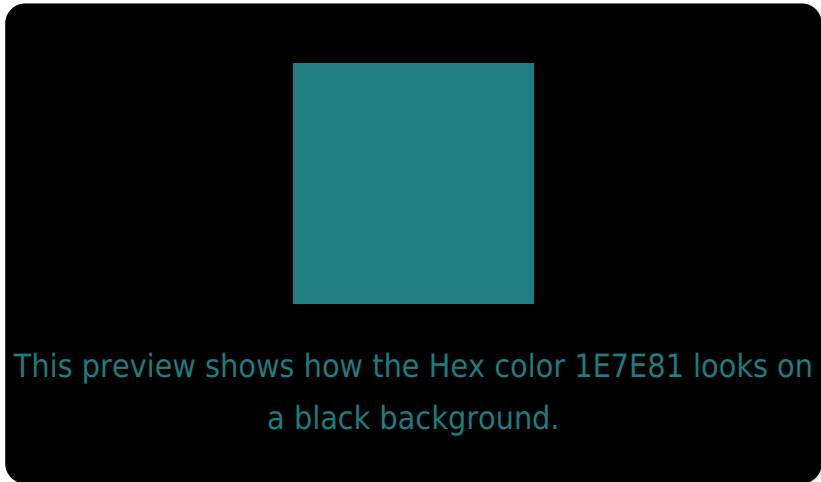
Large Text (above 18pt) WCAG AA ✓ Pass

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

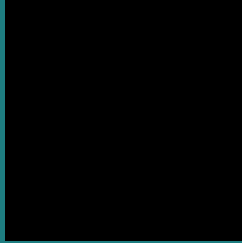
Any Text WCAG AA × Fail

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 1E7E81 Background



This preview shows how black text looks on a background with the Hex color 1E7E81.

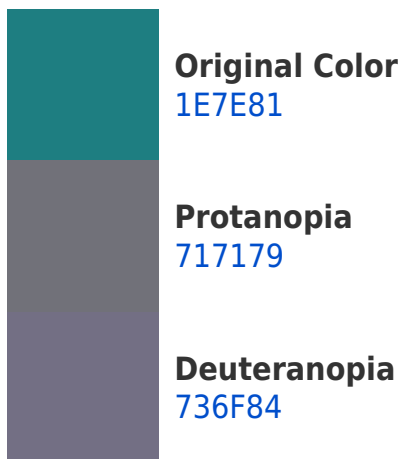


This preview shows how white text looks on a background with the Hex color 1E7E81.

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
237D87

Trichromacy



Original Color
1E7E81

Protanomaly
53767C

Deuteranomaly
547483

Tritanomaly
217D85

Monochromacy



Original Color
1E7E81

Achromatopsia
626262

Achromatomaly
496C6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E7E81 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 #1E7E81 looks like.

```
.text, #text, p{  
    color:#1E7E81  
}
```

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 #1E7E81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E7E81
}
```

Border

The CSS property to change the border of an element to Hex 1E7E81 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
#1E7E81 }
```

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

```
.border{ border-color:#1E7E81 }
```

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

Here you see how a box with a 4 pixel #1E7E81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E7E81; -webkit-box-shadow:4px 4px  
4px 4px #1E7E81; box-shadow:4px 4px 4px  
4px #1E7E81 }
```

Background

The CSS property to change the background color of an element to Hex 1E7E81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E7E81 }
```

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

```
.background{ background-color:#1E7E81 }
```

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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