

Converting Colors

Hex(1E7869)

Have a look what the booklet for
Hex(1E7869) contains.

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Color

Hex(1E7869)

Conversions

Conversions Part 1

Format	Color
Hex	1E7869
RGB	30, 120, 105
RGB Percent	12%, 47%, 41%
CMY	0.8824, 0.5294, 0.5882
CMYK	0.75, 0.00, 0.13, 0.53
HSL	170°, 60%, 29%
HSV	170°, 75%, 47%
XYZ	9.8017, 14.7289, 15.6910
YIQ	91.3800, -48.8250, -23.7450

Conversions

Conversions Part 2

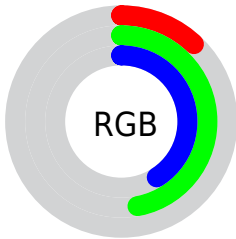
Format	Color
RYB	30, 79, 120
Decimal	1996905
CIELab	45.26, -29.58, 0.77
CIELCh	45, 29.592, 178.517
Yxy	14.7289, 0.2437, 0.3662
Android (android.graphics.Color)	4280186985 (0xFF1E7869)
YUV	91.3800, 6.7147, -53.8303
Hunter-Lab	38.3782, -21.5735, 2.6240

Details

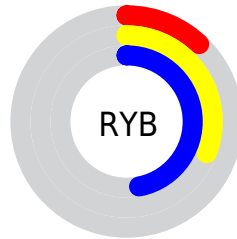
The Hex color **1E7869** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **781E2D**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **59AD9C**, and **00473A** is the 20% darker color. If you saturate the color by 10%, you get **127867**, and if you desaturate by 10%, it is **2A786B**.

Distribution



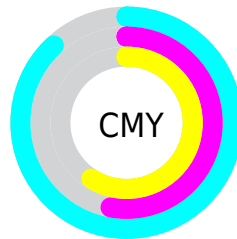
- Red (12%)
- Green (47%)
- Blue (41%)



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



- Cyan (75%)
- Magenta (0%)
- Yellow (13%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 1E7869 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 1E7869 by changing the saturation by 10% instead.



1E7869



1E7869

FFFFFF



005F51



59AD9C



00473A



75C8B7



003025



90E5D3



001B0F



ADFFEF



000000



C9FFFF



E6FFFF



1E7869



1E7869



127867



2A786B

■ 067865

■ 36786D

■ 007864

■ 42786F

■ 4E7871

■ 5A7873

■ 667875

■ 727877

■ 7E7879

■ 8A787B

Harmonies

Analogous

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



457650



1E7869



007882

Triad

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



1E7869



6C6596



8F6142

Complementary

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



1E7869



781E2D

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.



9A5955



1E7869



895C85

Square

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



1E7869



436E9C



98586D



7C6939

Rectangle

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



1E7869



00768F



98586D



945E47

Sweetspot

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



1E7869



789C96



2D781E



394F4B



CFCFCF



4F4F4F

Same Dimension

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



1E7869



109C84



1E5B78



373D3C



007D68



00FCD2

Inverse Universe

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



781E2D



9C1027



783C1E



3D3738



7D0015



FC002A

Previews

White Background



This preview shows how the Hex color 1E7869 looks on a white background.

Color Contrast Check

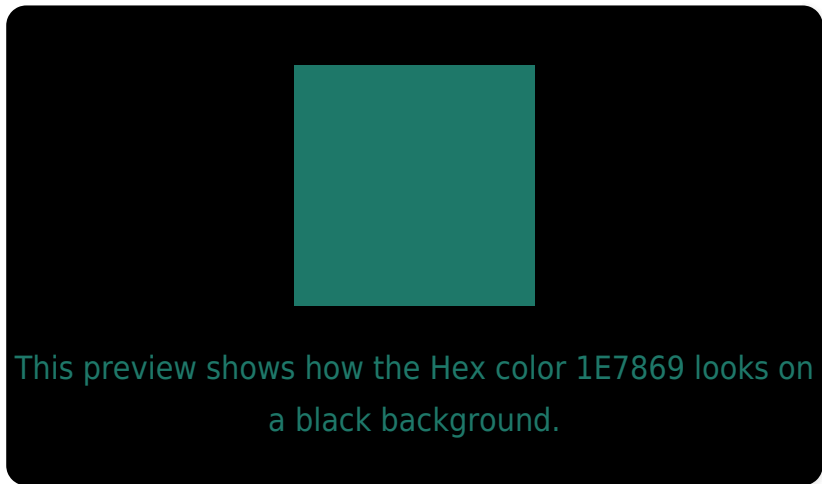
Large Text (above 18pt) WCAG AA ✓ Pass

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

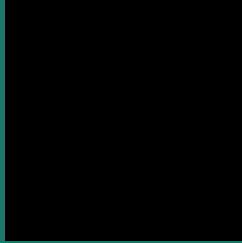
Any Text WCAG AA × Fail

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 1E7869 Background



This preview shows how black text looks on a background with the Hex color 1E7869.

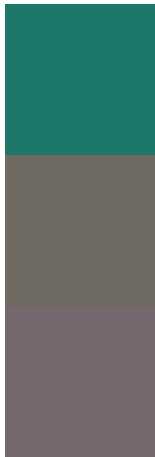


This preview shows how white text looks on a background with the Hex color 1E7869.

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
1E7869

Protanopia
6F6A61

Deuteranopia
74676D



Tritanopia
2B757E

Trichromacy



Original Color
1E7869

Protanomaly
526F64

Deuteranomaly
556D6C

Tritanomaly
267676

Monochromacy



Original Color
1E7869

Achromatopsia
5B5B5B

Achromatomaly
456660

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E7869 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 #1E7869 looks like.

```
.text, #text, p{  
    color:#1E7869  
}
```

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 #1E7869 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E7869
}
```

Border

The CSS property to change the border of an element to Hex 1E7869 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
#1E7869 }
```

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

```
.border{ border-color:#1E7869 }
```

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

Here you see how a box with a 4 pixel #1E7869 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E7869; -webkit-box-shadow:4px 4px  
4px 4px #1E7869; box-shadow:4px 4px 4px  
4px #1E7869 }
```

Background

The CSS property to change the background color of an element to Hex 1E7869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E7869 }
```

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

```
.background{ background-color:#1E7869 }
```

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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