

Converting Colors

Hex(007E63)

Have a look what the booklet for
Hex(007E63) contains.

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Color

Hex(007E63)

Conversions

Conversions Part 1

Format	Color
Hex	007E63
RGB	0, 126, 99
RGB Percent	0%, 49%, 39%
CMY	1.0000, 0.5059, 0.6118
CMYK	1.00, 0.00, 0.21, 0.51
HSL	167°, 100%, 25%
HSV	167°, 100%, 49%
XYZ	9.7130, 15.8226, 14.3465
YIQ	85.2480, -66.4290, -35.1090

Conversions

Conversions Part 2

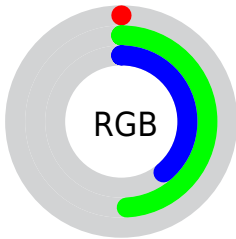
Format	Color
RYB	0, 71, 126
Decimal	32355
CIELab	46.74, -36.67, 6.40
CIELCh	47, 37.227, 170.097
Yxy	15.8226, 0.2435, 0.3967
Android (android.graphics.Color)	4278222435 (0xFF007E63)
YUV	85.2480, 6.7797, -74.7625
Hunter-Lab	39.7776, -26.0242, 6.4603

Details

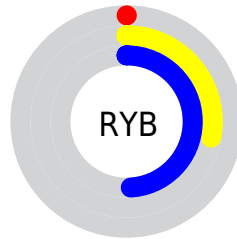
The Hex color **007E63** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **7E001B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **4FB496**, and **004C35** is the 20% darker color. If you saturate the color by 10%, you get **007E63**, and if you desaturate by 10%, it is **0D7E66**.

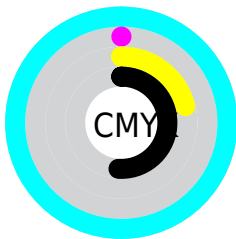
Distribution



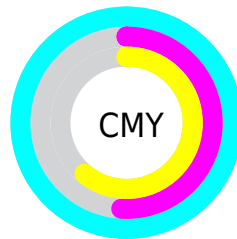
- Red (0%)
- Green (49%)
- Blue (39%)



- Red (0%)
- Yellow (28%)
- Blue (49%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007E63 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 007E63 by changing the saturation by 10% instead.

 007E63

 007E63

FFFFFF

 00644B

 4FB496

 004C35

 6BCFB0

 00341F

 88ECCC

 002008

 A4FFE8

 000000

 C1FFFF

 DEFFFF

 FCFFFF

 007E63

 0D7E66

 197E68

 267E6B

 327E6E

 3F7E71

 4C7E73

 587E76

 657E79

 717E7B

Harmonies

Analogous

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



487A45



007E63



007F83

Triad

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



007E63



606BA9



A05E40

Complementary

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



007E63



7E001B

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.



AA555B



007E63



8B5E97

Square

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



007E63



0D75AC



A3557B



8A6930

Rectangle

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



007E63



007D96



A3557B



A55A48

Sweetspot

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



007E63



72A399



1B7E00



34524B



D1D1D1



525252

Same Dimension

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



007E63



00A380



005A7E



39403E



008064



000000

Inverse Universe

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



7E001B



A30023



7E2400



40393B



80001B



000000

Previews

White Background



This preview shows how the Hex color 007E63 looks on a white background.

Color Contrast Check

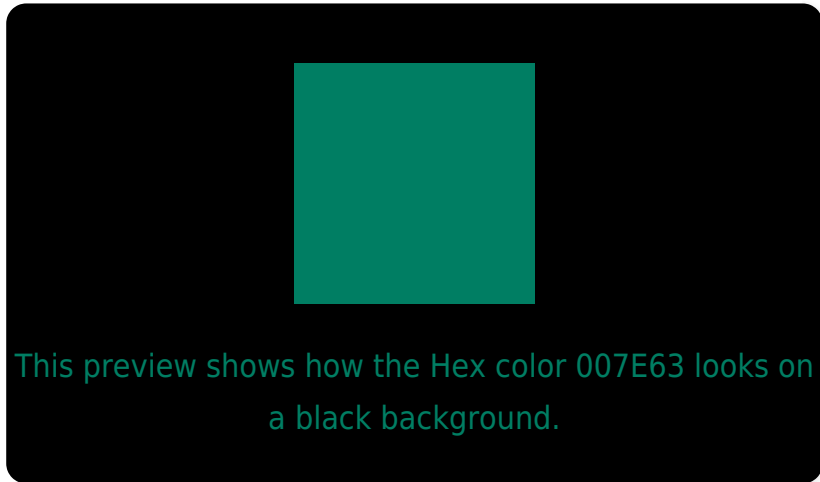
Large Text (above 18pt) WCAG AA ✓ Pass

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

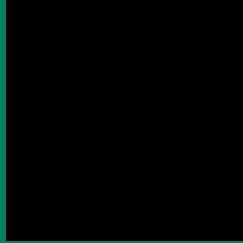
Any Text WCAG AA × Fail

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 007E63 Background



This preview shows how black text looks on a background with the Hex color 007E63.

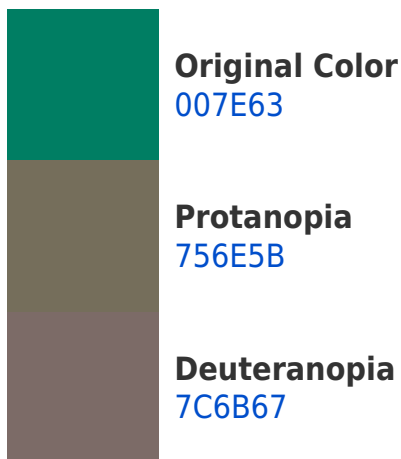


This preview shows how white text looks on a background with the Hex color 007E63.

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
277A83

Trichromacy



Original Color
007E63



Protanomaly
4A745E



Deuteranomaly
4F7266



Tritanomaly
197B77

Monochromacy



Original Color
007E63



Achromatopsia
555555



Achromatomaly
36645A

CSS Examples

Text

The CSS property to change the color of the text to Hex 007E63 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 #007E63 looks like.

```
.text, #text, p{  
    color:#007E63  
}
```

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 #007E63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007E63
}
```

Border

The CSS property to change the border of an element to Hex 007E63 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
#007E63 }
```

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

```
.border{ border-color:#007E63 }
```

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

Here you see how a box with a 4 pixel #007E63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007E63; -webkit-box-shadow:4px 4px  
4px 4px #007E63; box-shadow:4px 4px 4px  
4px #007E63 }
```

Background

The CSS property to change the background color of an element to Hex 007E63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007E63 }
```

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

```
.background{ background-color:#007E63 }
```

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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