

Converting Colors

Hex(0D7E60)

Have a look what the booklet for
Hex(0D7E60) contains.

Hex(0D7E60)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0D7E60)

Conversions

Conversions Part 1

Format	Color
Hex	0D7E60
RGB	13, 126, 96
RGB Percent	5%, 49%, 38%
CMY	0.9490, 0.5059, 0.6235
CMYK	0.90, 0.00, 0.24, 0.51
HSL	164°, 81%, 27%
HSV	164°, 90%, 49%
XYZ	9.7382, 15.8518, 13.6128
YIQ	88.7930, -57.7180, -33.2860

Conversions

Conversions Part 2

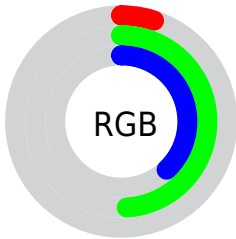
Format	Color
RYB	13, 78, 126
Decimal	884320
CIELab	46.78, -36.64, 8.23
CIElCh	47, 37.551, 167.333
Yxy	15.8518, 0.2484, 0.4044
Android (android.graphics.Color)	4279074400 (0xFF0D7E60)
YUV	88.7930, 3.5531, -66.4705
Hunter-Lab	39.8143, -26.0159, 7.5984

Details

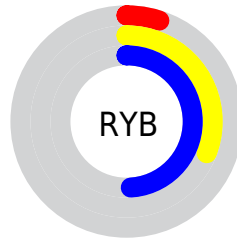
The Hex color **0D7E60** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **7E0D2B**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **52B493**, and **004C32** is the 20% darker color. If you saturate the color by 10%, you get **007E5D**, and if you desaturate by 10%, it is **1A7E63**.

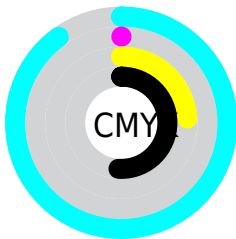
Distribution



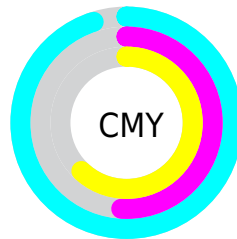
- Red (5%)
- Green (49%)
- Blue (38%)



- Red (5%)
- Yellow (31%)
- Blue (49%)



- Cyan (90%)
- Magenta (0%)
- Yellow (24%)
- Black (51%)



- Cyan (95%)
- Magenta (51%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D7E60 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 0D7E60 by changing the saturation by 10% instead.

 0D7E60

 0D7E60

FFFFFF

 006448

 52B493

 004C32

 6FCFAD

 00341D

 8BECC8

 002003

 A7FFE5

 000000

 C4FFFF

 E1FFFF

 0D7E60

 0D7E60

 007E5D

 1A7E63

 267E67

 337E6A

 3F7E6D

 4C7E71

 597E74

 657E77

 727E7B

 7E7E7E

Harmonies

Analogous

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



4C7A43



0D7E60



007F81

Triad

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



0D7E60



5B6CAB



A25D42

Complementary

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



0D7E60



7E0D2B

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.



AA555E



0D7E60



885F9A

Square

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



0D7E60



0076AC



A2567E



8D6830

Rectangle

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



0D7E60



007E94



A2567E



A6594A

Sweetspot

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



0D7E60



77A398



2B7E0D



37524B



D1D1D1



525252

Same Dimension

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



0D7E60



00A378



0D647E



39403E



00805E



000000

Inverse Universe

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



7E0D2B



A3002B



7E270D



40393B



800022



000000

Previews

White Background



This preview shows how the Hex color 0D7E60 looks on a white background.

Color Contrast Check

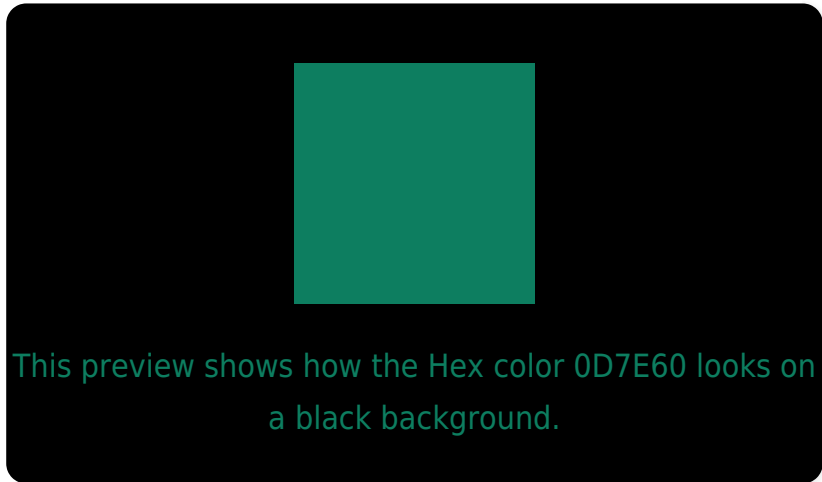
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D7E60 Background



This preview shows how black text looks on a background with the Hex color 0D7E60.

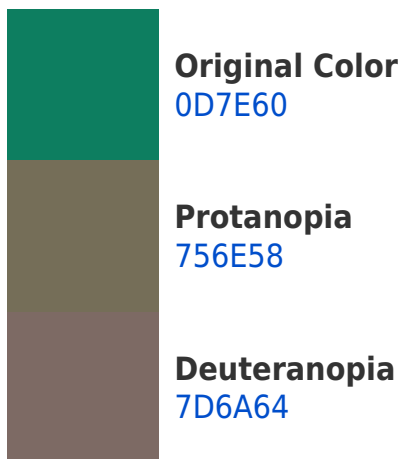


This preview shows how white text looks on a background with the Hex color 0D7E60.

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
297983

Trichromacy



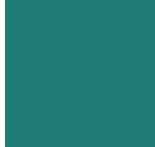
Original Color
0D7E60



Protanomaly
4F745B



Deuteranomaly
547163



Tritanomaly
1F7B76

Monochromacy



Original Color
0D7E60



Achromatopsia
595959



Achromatomaly
3D665C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D7E60 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 #0D7E60 looks like.

```
.text, #text, p{  
    color:#0D7E60  
}
```

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 #0D7E60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D7E60
}
```

Border

The CSS property to change the border of an element to Hex 0D7E60 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
#0D7E60 }
```

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

```
.border{ border-color:#0D7E60 }
```

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

Here you see how a box with a 4 pixel #0D7E60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D7E60; -webkit-box-shadow:4px 4px  
4px 4px #0D7E60; box-shadow:4px 4px 4px  
4px #0D7E60 }
```

Background

The CSS property to change the background color of an element to Hex 0D7E60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D7E60 }
```

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

```
.background{ background-color:#0D7E60 }
```

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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