

Converting Colors

Hex(007663)

Have a look what the booklet for
Hex(007663) contains.

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Color

Hex(007663)

Conversions

Conversions Part 1

Format	Color
Hex	007663
RGB	0, 118, 99
RGB Percent	0%, 46%, 39%
CMY	1.0000, 0.5373, 0.6118
CMYK	1.00, 0.00, 0.16, 0.54
HSL	170°, 100%, 23%
HSV	170°, 100%, 46%
XYZ	8.7306, 13.8577, 14.0190
YIQ	80.5520, -64.2290, -30.9250

Conversions

Conversions Part 2

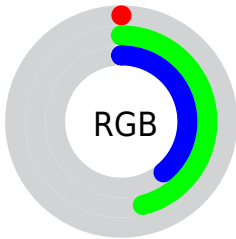
Format	Color
RYB	0, 64, 118
Decimal	30307
CIELab	44.03, -33.14, 2.51
CIELCh	44, 33.237, 175.676
Yxy	13.8577, 0.2385, 0.3786
Android (android.graphics.Color)	4278220387 (0xFF007663)
YUV	80.5520, 9.0949, -70.6441
Hunter-Lab	37.2260, -23.2820, 3.7300

Details

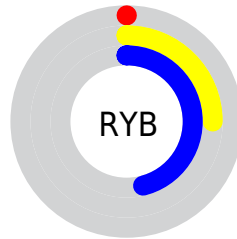
The Hex color **007663** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **760013**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **4DAB96**, and **004535** is the 20% darker color. If you saturate the color by 10%, you get **007663**, and if you desaturate by 10%, it is **0C7665**.

Distribution



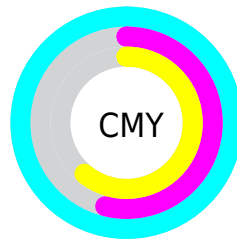
- Red (0%)
- Green (46%)
- Blue (39%)



- Red (0%)
- Yellow (25%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007663 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 007663 by changing the saturation by 10% instead.

 007663

 007663

FFFFFF

 005D4B

 4DAB96

 004535

 69C6B0

 002D1F

 85E3CC

 001708

 A1FFE8

 000000

 BEFFFF

 DBFFFF

 F9FFFF

 007663

 0C7665

 187667

 237669

 2F766B

 3B766C

 47766E

 537670

 5E7672

 6A7674

Harmonies

Analogous

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



407348



007663



00767F

Triad

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



007663



64629A



915B3B

Complementary

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



007663



760013

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.



9C5352



007663



875888

Square

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



007663



2F6C9F



99526D



7C6530

Rectangle

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



007663



00748F



99526D



965842

Sweetspot

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



007663



6B9992



147600



314D48



CCCCCC



4D4D4D

Same Dimension

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



007663



009980



004F76



353B3A



007A67



00FAD2

Inverse Universe

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



760013



990019



762700



3B3536



7A0014



FA0028

Previews

White Background



This preview shows how the Hex color 007663 looks on a white background.

Color Contrast Check

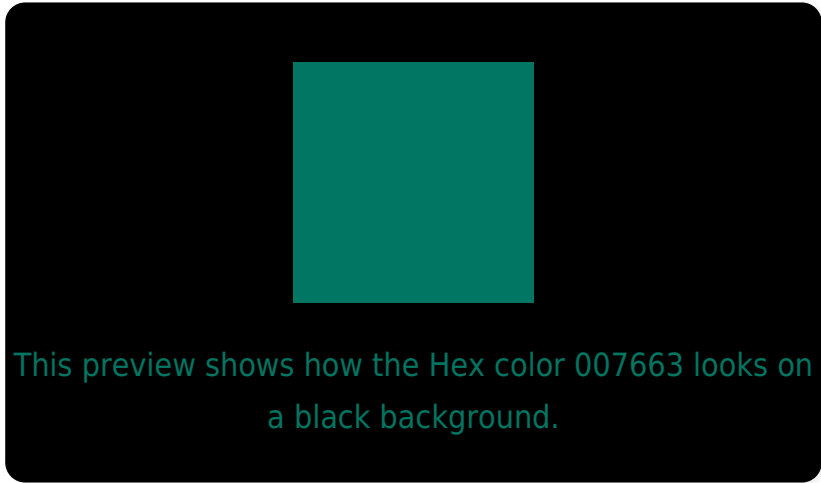
Large Text (above 18pt) WCAG AA ✓ Pass

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

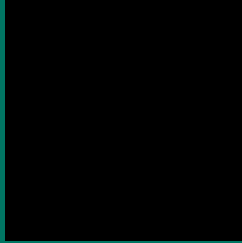
Any Text WCAG AA × Fail

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 007663 Background



This preview shows how black text looks on a background with the Hex color 007663.

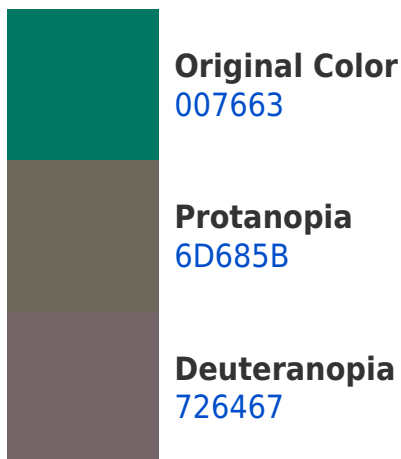



This preview shows how white text looks on a background with the Hex color 007663.

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
22737C

Trichromacy



Original Color
007663

Protanomaly
456D5E

Deuteranomaly
496B66

Tritanomaly
167473

Monochromacy



Original Color
007663

Achromatopsia
515151

Achromatomaly
345E58

CSS Examples

Text

The CSS property to change the color of the text to Hex 007663 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 #007663 looks like.

```
.text, #text, p{  
    color:#007663  
}
```

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 #007663 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007663
}
```

Border

The CSS property to change the border of an element to Hex 007663 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
#007663 }
```

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

```
.border{ border-color:#007663 }
```

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

Here you see how a box with a 4 pixel #007663 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007663; -webkit-box-shadow:4px 4px  
4px 4px #007663; box-shadow:4px 4px 4px  
4px #007663 }
```

Background

The CSS property to change the background color of an element to Hex 007663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007663 }
```

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

```
.background{ background-color:#007663 }
```

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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