

Converting Colors

Hex(007650)

Have a look what the booklet for
Hex(007650) contains.

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Color

Hex(007650)

Conversions

Conversions Part 1

Format	Color
Hex	007650
RGB	0, 118, 80
RGB Percent	0%, 46%, 31%
CMY	1.0000, 0.5373, 0.6863
CMYK	1.00, 0.00, 0.32, 0.54
HSL	161°, 100%, 23%
HSV	161°, 100%, 46%
XYZ	7.9264, 13.5361, 9.7844
YIQ	78.3860, -58.1300, -36.8340

Conversions

Conversions Part 2

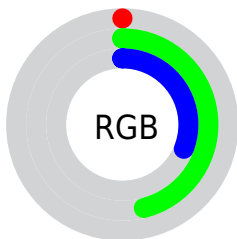
Format	Color
RYB	0, 70, 118
Decimal	30288
CIELab	43.56, -38.28, 13.11
CIELCh	44, 40.458, 161.096
Yxy	13.5361, 0.2537, 0.4332
Android (android.graphics.Color)	4278220368 (0xFF007650)
YUV	78.3860, 0.7957, -68.7445
Hunter-Lab	36.7914, -25.9285, 9.9863

Details

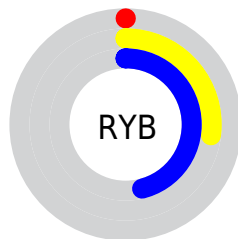
The Hex color **007650** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **760026**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **4BAB81**, and **004423** is the 20% darker color. If you saturate the color by 10%, you get **007650**, and if you desaturate by 10%, it is **0C7654**.

Distribution



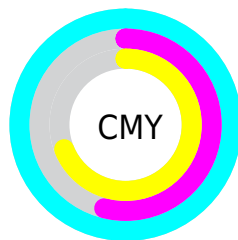
- Red (0%)
- Green (46%)
- Blue (31%)



- Red (0%)
- Yellow (27%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (32%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (69%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007650 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 007650 by changing the saturation by 10% instead.

 007650

 007650

FFFFFF

 005D39

 4BAB81

 004423

 68C79B

 002D0E

 84E3B6

 001500

 A0FFD2

 000000

 BCFEE

 D9FFF

 F7FFF

 007650

 0C7654

 187658

 23765B

 2F765F

 3B7663

 477667

 53766B

 5E766E

 6A7672

Harmonies

Analogous

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



497132



007650



007873

Triad

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



007650



4066A9



9F513C

Complementary

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



007650



760026

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.



A5495C



007650



79599A

Square

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



007650



0070A6



994D7D



8B5D26

Rectangle

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



007650



007789



994D7D



A34D46

Sweetspot

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



007650



6B998A



277600



314D44



CCCCCC



4D4D4D

Same Dimension

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



007650



009968



006276



353B39



007A53



00FAA9

Inverse Universe

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



760026



990031



761400



3B3537



7A0027



FA0050

Previews

White Background



This preview shows how the Hex color 007650 looks on a white background.

Color Contrast Check

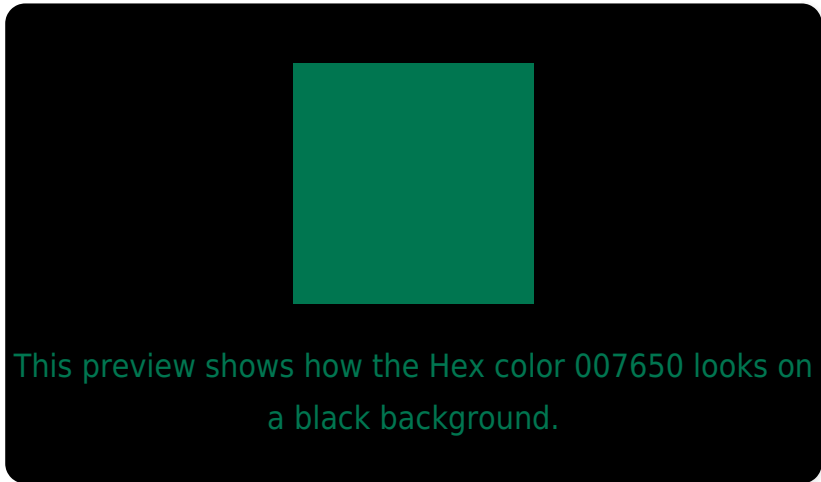
Large Text (above 18pt) WCAG AA ✓ Pass

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

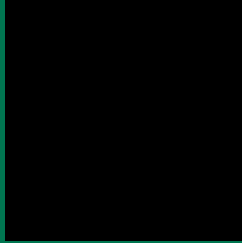
Any Text WCAG AA × Fail

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 007650 Background



This preview shows how black text looks on a background with the Hex color 007650.



This preview shows how white text looks on a background with the Hex color 007650.

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
007650

Protanopia
6F6749

Deuteranopia
776354



Tritanopia
28717A

Trichromacy



Original Color
007650



Protanomaly
476C4C



Deuteranomaly
4C6A53



Tritanomaly
19736B

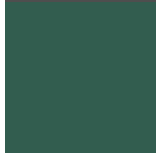
Monochromacy



Original Color
007650



Achromatopsia
4E4E4E



Achromatomaly
325D4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 007650 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 #007650 looks like.

```
.text, #text, p{  
    color:#007650  
}
```

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 #007650 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007650
}
```

Border

The CSS property to change the border of an element to Hex 007650 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
#007650 }
```

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

```
.border{ border-color:#007650 }
```

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

Here you see how a box with a 4 pixel #007650 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007650; -webkit-box-shadow:4px 4px  
4px 4px #007650; box-shadow:4px 4px 4px  
4px #007650 }
```

Background

The CSS property to change the background color of an element to Hex 007650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007650 }
```

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

```
.background{ background-color:#007650 }
```

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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