

Converting Colors

Hex(006750)

Have a look what the booklet for
Hex(006750) contains.

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Color

Hex(006750)

Conversions

Conversions Part 1

Format	Color
Hex	006750
RGB	0, 103, 80
RGB Percent	0%, 40%, 31%
CMY	1.0000, 0.5961, 0.6863
CMYK	1.00, 0.00, 0.22, 0.60
HSL	167°, 100%, 20%
HSV	167°, 100%, 40%
XYZ	6.2982, 10.2797, 9.2416
YIQ	69.5810, -54.0050, -28.9890

Conversions

Conversions Part 2

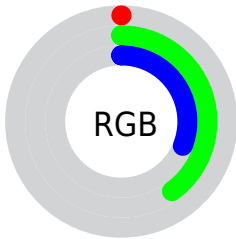
Format	Color
RYB	0, 58, 103
Decimal	26448
CIELab	38.34, -31.89, 5.80
CIELCh	38, 32.414, 169.701
Yxy	10.2797, 0.2439, 0.3981
Android (android.graphics.Color)	4278216528 (0xFF006750)
YUV	69.5810, 5.1366, -61.0225
Hunter-Lab	32.0619, -21.0440, 5.3534

Details

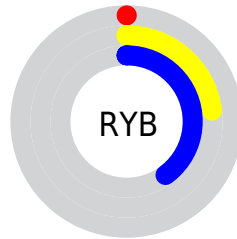
The Hex color **006750** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **670017**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **479B81**, and **003724** is the 20% darker color. If you saturate the color by 10%, you get **006750**, and if you desaturate by 10%, it is **0A6752**.

Distribution



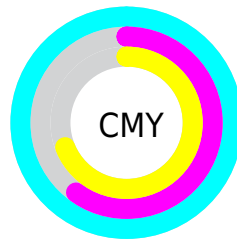
- Red (0%)
- Green (40%)
- Blue (31%)



- Red (0%)
- Yellow (23%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006750 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 006750 by changing the saturation by 10% instead.

 006750

 006750

FFFFFF

 004E39

 479B81

 003724

 62B69B

 00230E

 7ED2B6

 000000

 9AEED2

 B6FFEE

 D2FFFF

 EFFFFFF

 006750

■ 0A6752

■ 156755

■ 1F6757

■ 296759

■ 34675C

■ 3E675E

■ 486760

■ 526762

■ 5D6765

Harmonies

Analogous

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



3A6437



006750



00676B

Triad

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



006750



4D578C



844C33

Complementary

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



006750



670017

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.



8C454A



006750



724D7C

Square

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



006750



04608E



864564



715625

Rectangle

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



006750



00667B



864564



88493A

Sweetspot

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



006750



5F877E



186700



2C453F



C4C4C4



454545

Same Dimension

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



006750



008769



004C67



2E3332



007359



00F2BC

Inverse Universe

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



670017



87001E



671B00



332E2F



73001A



F20036

Previews

White Background



This preview shows how the Hex color 006750 looks on a white background.

Color Contrast Check

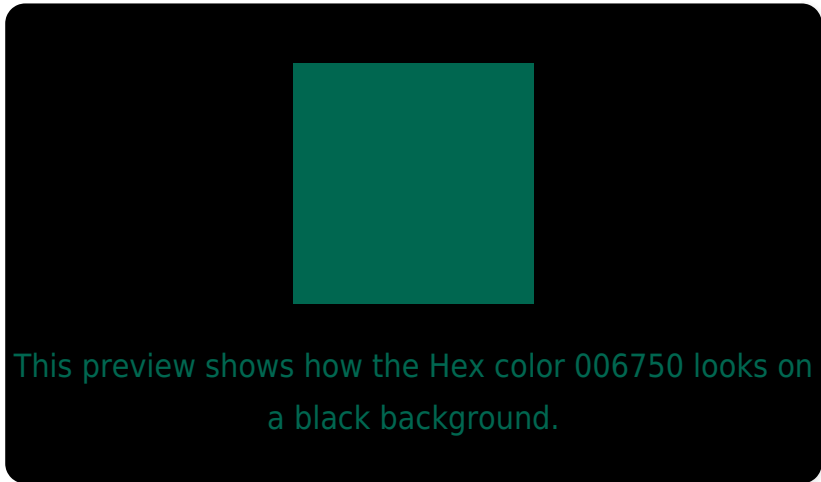
Large Text (above 18pt) WCAG AA ✓ Pass

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

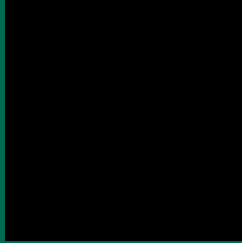
Any Text WCAG AA × Fail

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 006750 Background



This preview shows how black text looks on a background with the Hex color 006750.

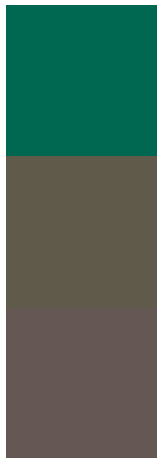


This preview shows how white text looks on a background with the Hex color 006750.

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
006750

Protanopia
605A4A

Deuteranopia
655754



Tritanopia
20636B

Trichromacy



Original Color
006750

Protanomaly
3D5F4C

Deuteranomaly
405D53

Tritanomaly
146461

Monochromacy



Original Color
006750

Achromatopsia
464646

Achromatomaly
2D524A

CSS Examples

Text

The CSS property to change the color of the text to Hex 006750 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 #006750 looks like.

```
.text, #text, p{  
    color:#006750  
}
```

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 #006750 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006750
}
```

Border

The CSS property to change the border of an element to Hex 006750 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
#006750 }
```

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

```
.border{ border-color:#006750 }
```

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

Here you see how a box with a 4 pixel #006750 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006750; -webkit-box-shadow:4px 4px  
4px 4px #006750; box-shadow:4px 4px 4px  
4px #006750 }
```

Background

The CSS property to change the background color of an element to Hex 006750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006750 }
```

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

```
.background{ background-color:#006750 }
```

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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