

# Converting Colors

Hex(006F53)

Have a look what the booklet for  
Hex(006F53) contains.

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# Color

**Hex(006F53)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	006F53
RGB	0, 111, 83
RGB Percent	0%, 44%, 33%
CMY	1.0000, 0.5647, 0.6745
CMYK	1.00, 0.00, 0.25, 0.56
HSL	165°, 100%, 22%
HSV	165°, 100%, 44%
XYZ	7.2458, 11.9934, 10.1167
YIQ	74.6190, -57.1680, -32.2400

# Conversions

## Conversions Part 2

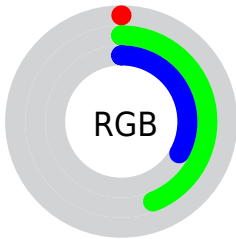
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 64, 111
Decimal	28499
CIELab	41.21, -34.57, 8.05
CIELCh	41, 35.492, 166.898
Yxy	11.9934, 0.2468, 0.4086
Android (android.graphics.Color)	4278218579 (0xFF006F53)
YUV	74.6190, 4.1318, -65.4409
Hunter-Lab	34.6315, -23.2585, 6.9220

# Details

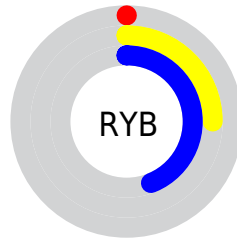
The Hex color **006F53** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6F001C**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **49A384**, and **003E26** is the 20% darker color. If you saturate the color by 10%, you get **006F53**, and if you desaturate by 10%, it is **0B6F56**.

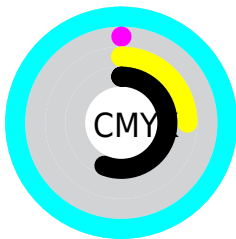
# Distribution



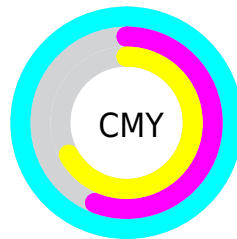
- Red (0%)
- Green (44%)
- Blue (33%)



- Red (0%)
- Yellow (25%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (56%)



- Cyan (100%)
- Magenta (56%)
- Yellow (67%)
- Black (0%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 006F53 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 006F53 by changing the saturation by 10% instead.



 006F53

 006F53

FFFFFF

 00563C

 49A384

 003E26

 65BF9F

 002812

 81DBBA

 000800

 9DF8D5

 000000

 B9FFF2


 D6FFFF

 F4FFFF

 006F53

 0B6F56

 166F59

 216F5B

 2C6F5E

 386F61

 436F64

 4E6F67

 596F69

 646F6C

# Harmonies

## Analogous

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



416B38



006F53



007071

# Triad

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



006F53



4E5F99



905038

# Complementary

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



006F53



6F001C

# 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.



984952



006F53



785389

# Square

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



006F53



00689A



904A6F



7D5B27

# Rectangle

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



006F53



006F83



904A6F



944D40



# Sweetspot

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



006F53



669186



1E6F00



2F4A43



C9C9C9



4A4A4A



# Same Dimension

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



006F53



00916D



00556F



323837



00785A



00F7B9



# Inverse Universe

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



6F001C



910025



6F1A00



383234



78001E



F7003E



# Previews

## White Background



This preview shows how the Hex color 006F53 looks on a white background.

## Color Contrast Check

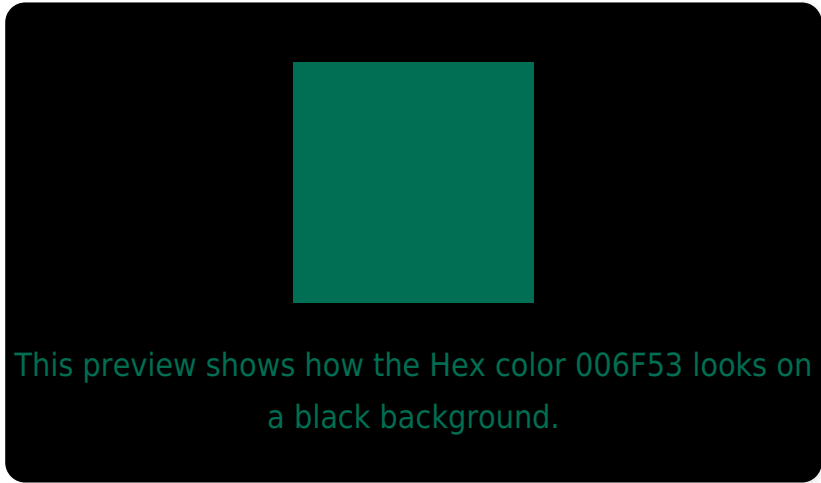
Large Text (above 18pt) WCAG AA ✓ Pass

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

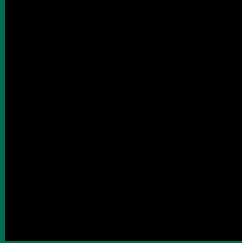
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 006F53 Background



This preview shows how black text looks on a background with the Hex color 006F53.



This preview shows how white text looks on a background with the Hex color 006F53.

# 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](#).

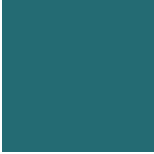
## Dichromacy



**Original Color**  
006F53

**Protanopia**  
67614C

**Deuteranopia**  
6E5E57



**Tritanopia**  
246B73

# Trichromacy



**Original Color**  
006F53



**Protanomaly**  
42664F



**Deuteranomaly**  
466456



**Tritanomaly**  
176C67

# Monochromacy



**Original Color**  
006F53



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
30584E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006F53 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 #006F53 looks like.

```
.text, #text, p{  
    color:#006F53  
}
```

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 #006F53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006F53
}
```

## Border

The CSS property to change the border of an element to Hex 006F53 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
#006F53 }
```

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

```
.border{ border-color:#006F53 }
```

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

Here you see how a box with a 4 pixel #006F53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006F53; -webkit-box-shadow:4px 4px  
4px 4px #006F53; box-shadow:4px 4px 4px  
4px #006F53 }
```

# Background

The CSS property to change the background color of an element to Hex 006F53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006F53 }
```

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

```
.background{ background-color:#006F53 }
```

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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