

# Converting Colors

Hex(006763)

Have a look what the booklet for  
Hex(006763) contains.

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# Color

**Hex(006763)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 006763                      |
| RGB         | 0, 103, 99                  |
| RGB Percent | 0%, 40%, 39%                |
| CMY         | 1.0000, 0.5961, 0.6118      |
| CMYK        | 1.00, 0.00, 0.04, 0.60      |
| HSL         | 178°, 100%, 20%             |
| HSV         | 178°, 100%, 40%             |
| XYZ         | 7.1024, 10.6013, 13.4763    |
| YIQ         | 71.7470, -60.1040, -23.0800 |

# Conversions

## Conversions Part 2

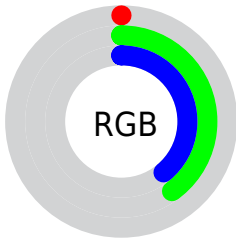
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 0, 53, 103                    |
| Decimal                             | 26467                         |
| CIELab                              | 38.90, -26.04, -5.01          |
| CIELCh                              | 39, 26.519, 190.899           |
| Yxy                                 | 10.6013, 0.2278,<br>0.3400    |
| Android<br>(android.graphics.Color) | 4278216547<br>(0xFF006763)    |
| YUV                                 | 71.7470, 13.4357,<br>-62.9221 |
| Hunter-Lab                          | 32.5597, -18.0426,<br>-1.7481 |

# Details

The Hex color **006763** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **670004**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **499B96**, and **003735** is the 20% darker color. If you saturate the color by 10%, you get **006763**, and if you desaturate by 10%, it is **0A6763**.

# Distribution



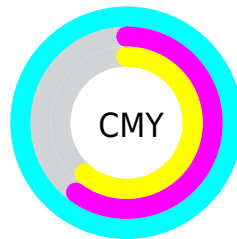
- Red (0%)
- Green (40%)
- Blue (39%)



- Red (0%)
- Yellow (21%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 006763 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 006763 by changing the saturation by 10% instead.



006763

006763

FFFFFF

004F4B

499B96

003735

65B6B0

00221F

80D1CC

000008

9CEEE8

000000

B9FFFF

D5FFFF

F3FFFF

006763

■ 0A6763

■ 156764

■ 1F6764

■ 296765

■ 346765

■ 3E6765

■ 486766

■ 526766

■ 5D6767

# Harmonies

## Analogous

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



2E664D



006763



006677

# Triad

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



006763



68537C



755633

# Complementary

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



006763



670004

# 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.



824E40



006763



7D4C6A

# Square

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



006763



485B86



854A54



625D30

# Rectangle

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



006763



076381



854A54



7A5336



# Sweetspot

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



006763



5F8786



056700



2C4544



C4C4C4



454545



# Same Dimension

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



006763



008782



003967



2E3333



00736E



00F2E9



# Inverse Universe

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



670004



870005



672E00



332E2E



730004



F20009



# Previews

## White Background



This preview shows how the Hex color 006763 looks on a white background.

## Color Contrast Check

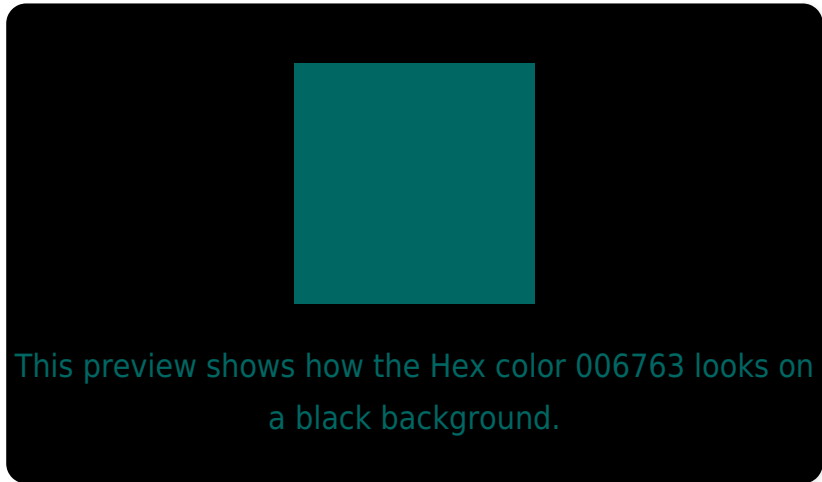
Large Text (above 18pt) WCAG AA ✓ Pass

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

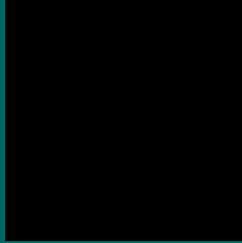
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 006763 Background



This preview shows how black text looks on a background with the Hex color 006763.

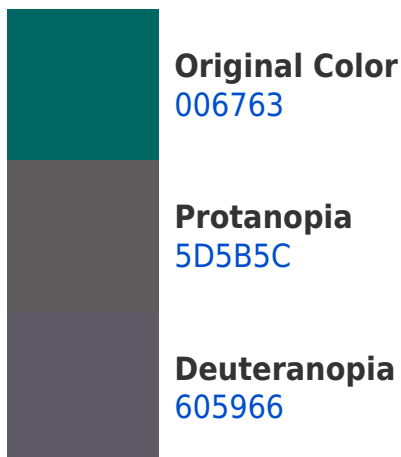



This preview shows how white text looks on a background with the Hex color 006763.

# 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](#).

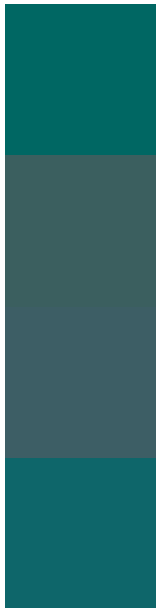
## Dichromacy





**Tritanopia**  
16656E

# Trichromacy



**Original Color**  
006763

**Protanomaly**  
3B5F5F

**Deuteranomaly**  
3D5E65

**Tritanomaly**  
0E666A

# Monochromacy



**Original Color**  
006763

**Achromatopsia**  
484848

**Achromatomaly**  
2E5352

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006763 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 #006763 looks like.

```
.text, #text, p{  
    color:#006763  
}
```

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 #006763 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006763
}
```

## Border

The CSS property to change the border of an element to Hex 006763 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
#006763 }
```

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

```
.border{ border-color:#006763 }
```

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

Here you see how a box with a 4 pixel #006763 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006763; -webkit-box-shadow:4px 4px  
4px 4px #006763; box-shadow:4px 4px 4px  
4px #006763 }
```

# Background

The CSS property to change the background color of an element to Hex 006763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006763 }
```

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

```
.background{ background-color:#006763 }
```

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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