

# Converting Colors

Hex(007466)

Have a look what the booklet for  
Hex(007466) contains.

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# Color

**Hex(007466)**

# Conversions

## Conversions Part 1

Format	Color
Hex	007466
RGB	0, 116, 102
RGB Percent	0%, 45%, 40%
CMY	1.0000, 0.5451, 0.6000
CMYK	1.00, 0.00, 0.12, 0.55
HSL	173°, 100%, 23%
HSV	173°, 100%, 45%
XYZ	8.6437, 13.4501, 14.7109
YIQ	79.7200, -64.6420, -28.9460

# Conversions

## Conversions Part 2

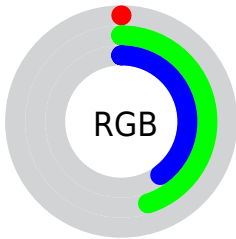
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 62, 116
Decimal	29798
CIELab	43.43, -31.33, -0.15
CIElCh	43, 31.332, 180.281
Yxy	13.4501, 0.2349, 0.3654
Android (android.graphics.Color)	4278219878 (0xFF007466)
YUV	79.7200, 10.9840, -69.9144
Hunter-Lab	36.6744, -22.1100, 1.8895

# Details

The Hex color **007466** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **74000E**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **4CA999**, and **004337** is the 20% darker color. If you saturate the color by 10%, you get **007466**, and if you desaturate by 10%, it is **0C7467**.

# Distribution



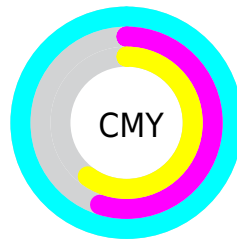
- Red (0%)
- Green (45%)
- Blue (40%)



- Red (0%)
- Yellow (24%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007466 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 007466 by changing the saturation by 10% instead.



 007466

 007466

FFFFFF

 005B4E

 4CA999

 004337

 69C4B4

 002C22

 85E0CF

 00150C

 A1FDEB

 000000

 BEFFFF

 DBFFFF

 F8FFFF

 007466

■ 0C7467

■ 177469

■ 23746A

■ 2E746C

■ 3A746D

■ 46746E

■ 517470

■ 5D7471

■ 687473

# Harmonies

## Analogous

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



3B724C



007466



007380

# Triad

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



007466



696093



8B5C3A

# Complementary

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



007466



74000E

# 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.



97544E



007466



875681

# Square

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



007466



3C699A



965167



766532

# Rectangle

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



007466



00728E



965167



905940



# Sweetspot

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



007466



699691



0F7400



314D49



CCCCCC



4D4D4D



# Same Dimension

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



007466



009684



004974



353B3A



007A6C



00FADC



# Inverse Universe

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



74000E



960012



742B00



3B3535



7A000F



FA001E



# Previews

## White Background



This preview shows how the Hex color 007466 looks on a white background.

## Color Contrast Check

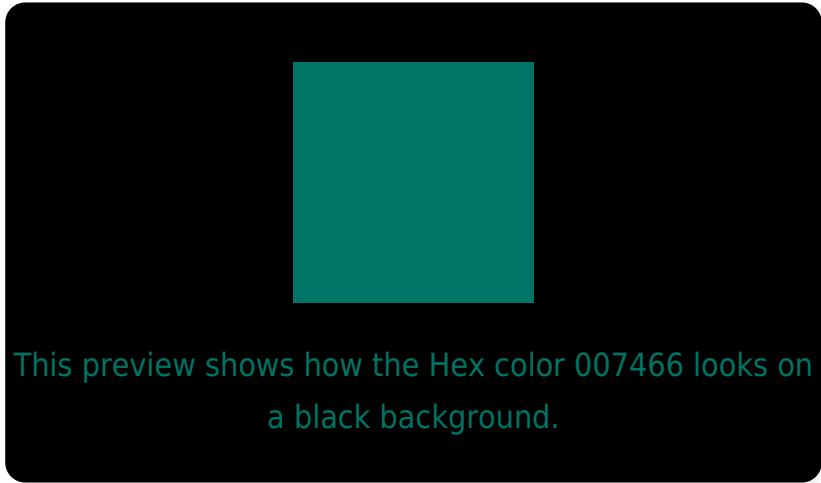
Large Text (above 18pt) WCAG AA ✓ Pass

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

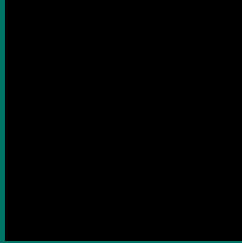
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 007466 Background



This preview shows how black text looks on a background with the Hex color 007466.

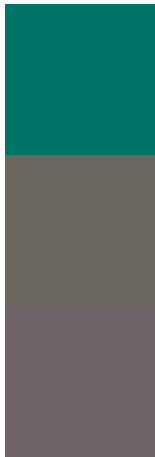


This preview shows how white text looks on a background with the Hex color 007466.

# 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**  
007466

**Protanopia**  
6A665E

**Deuteranopia**  
6F636A



**Tritanopia**  
1F717A

# Trichromacy



**Original Color**  
007466

**Protanomaly**  
436B61

**Deuteranomaly**  
476969

**Tritanomaly**  
147273

# Monochromacy



**Original Color**  
007466

**Achromatopsia**  
505050

**Achromatomaly**  
335D58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007466 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 #007466 looks like.

```
.text, #text, p{  
    color:#007466  
}
```

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 #007466 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007466
}
```

## Border

The CSS property to change the border of an element to Hex 007466 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
#007466 }
```

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

```
.border{ border-color:#007466 }
```

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

Here you see how a box with a 4 pixel #007466 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007466; -webkit-box-shadow:4px 4px  
4px 4px #007466; box-shadow:4px 4px 4px  
4px #007466 }
```

# Background

The CSS property to change the background color of an element to Hex 007466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007466 }
```

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

```
.background{ background-color:#007466 }
```

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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