

# Converting Colors

Hex(007573)

Have a look what the booklet for  
Hex(007573) contains.

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# Color

Hex(007573)

# Conversions

## Conversions Part 1

Format	Color
Hex	007573
RGB	0, 117, 115
RGB Percent	0%, 46%, 45%
CMY	1.0000, 0.5412, 0.5490
CMYK	1.00, 0.00, 0.02, 0.54
HSL	179°, 100%, 23%
HSV	179°, 100%, 46%
XYZ	9.4558, 13.9604, 18.4159
YIQ	81.7890, -69.0900, -25.4260

# Conversions

## Conversions Part 2

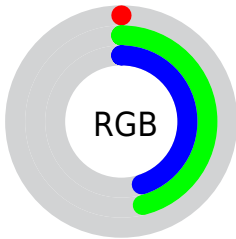
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 59, 117
Decimal	30067
CIELab	44.18, -27.70, -6.85
CIELCh	44, 28.534, 193.897
Yxy	13.9604, 0.2260, 0.3337
Android (android.graphics.Color)	4278220147 (0xFF007573)
YUV	81.7890, 16.3730, -71.7290
Hunter-Lab	37.3636, -20.2124, -3.0686

# Details

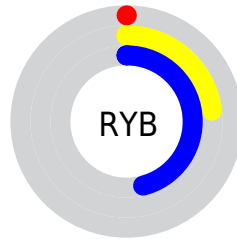
The Hex color **007573** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **750002**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **4EAAA7**, and **004443** is the 20% darker color. If you saturate the color by 10%, you get **007573**, and if you desaturate by 10%, it is **0C7573**.

# Distribution



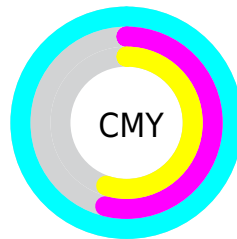
- Red (0%)
- Green (46%)
- Blue (45%)



- Red (0%)
- Yellow (23%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007573 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 007573 by changing the saturation by 10% instead.



 007573

 007573

FFFFFF

 005C5A

 4EAAA7

 004443

 6BC5C2

 002D2D

 87E1DE

 001819

 A4FEFA

 000000

 C0FFFF

 DEFFFF

 FBFFFF

 007573

■ 0C7573

■ 177573

■ 237574

■ 2F7574

■ 3B7574

■ 467574

■ 527574

■ 5E7575

■ 697575

# Harmonies

## Analogous

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



33745B



007573



007389

# Triad

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



007573



795E8B



83633B

# Complementary

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



007573



750002

# 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.



925B49



007573



8E5776

# Square

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



007573



576796



96565E



6D6B3A

# Rectangle

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



007573



187092



96565E



89603E



# Sweetspot

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



007573



6B9998



047500



314D4C



CCCCCC



4D4D4D



# Same Dimension

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



007573



009996



003E75



353B3B



007A78



00FAF6



# Inverse Universe

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



750002



990003



753700



3B3535



7A0002



FA0004



# Previews

## White Background



This preview shows how the Hex color 007573 looks on a white background.

## Color Contrast Check

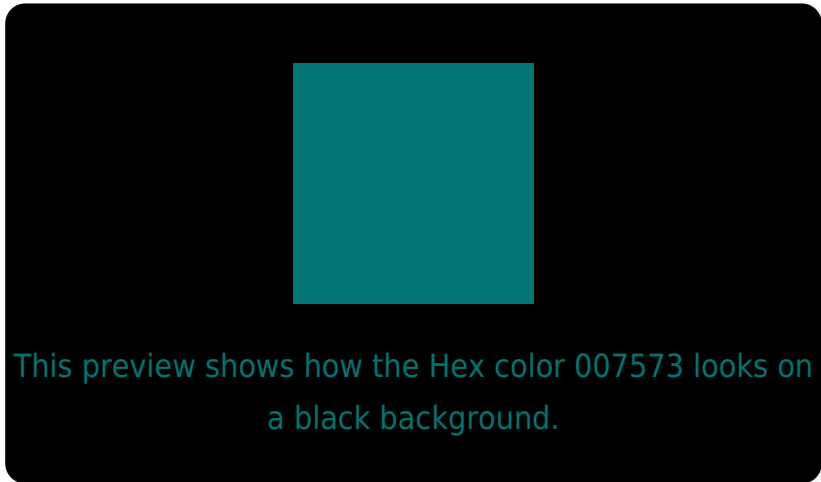
Large Text (above 18pt) WCAG AA ✓ Pass

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

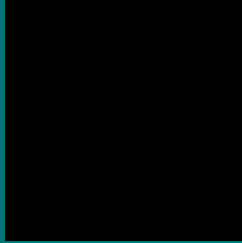
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 007573 Background



This preview shows how black text looks on a background with the Hex color 007573.



This preview shows how white text looks on a background with the Hex color 007573.

# 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**  
007573

**Protanopia**  
69686B

**Deuteranopia**  
6C6676

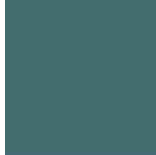


**Tritanopia**  
17737D

# Trichromacy



**Original Color**  
007573



**Protanomaly**  
436D6E



**Deuteranomaly**  
456B75



**Tritanomaly**  
0F7479

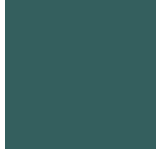
# Monochromacy



**Original Color**  
007573



**Achromatopsia**  
525252



**Achromatomaly**  
345F5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007573 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 #007573 looks like.

```
.text, #text, p{  
    color:#007573  
}
```

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 #007573 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007573
}
```

## Border

The CSS property to change the border of an element to Hex 007573 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
#007573 }
```

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

```
.border{ border-color:#007573 }
```

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

Here you see how a box with a 4 pixel #007573 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007573; -webkit-box-shadow:4px 4px  
4px 4px #007573; box-shadow:4px 4px 4px  
4px #007573 }
```

# Background

The CSS property to change the background color of an element to Hex 007573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007573 }
```

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

```
.background{ background-color:#007573 }
```

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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