

# Converting Colors

Hex(007D73)

Have a look what the booklet for  
Hex(007D73) contains.

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# Color

Hex(007D73)

# Conversions

## Conversions Part 1

Format	Color
Hex	007D73
RGB	0, 125, 115
RGB Percent	0%, 49%, 45%
CMY	1.0000, 0.5098, 0.5490
CMYK	1.00, 0.00, 0.08, 0.51
HSL	175°, 100%, 25%
HSV	175°, 100%, 49%
XYZ	10.4281, 15.9050, 18.7400
YIQ	86.4850, -71.2900, -29.6100

# Conversions

## Conversions Part 2

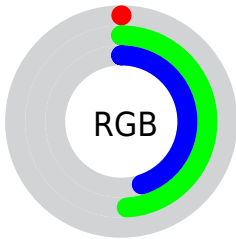
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 65, 125
Decimal	32115
CIELab	46.85, -31.54, -2.89
CIELCh	47, 31.671, 185.233
Yxy	15.9050, 0.2314, 0.3529
Android (android.graphics.Color)	4278222195 (0xFF007D73)
YUV	86.4850, 14.0579, -75.8473
Hunter-Lab	39.8811, -23.1177, 0.0566

# Details

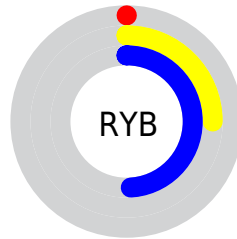
The Hex color **007D73** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7D000A**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **50B2A7**, and **004B43** is the 20% darker color. If you saturate the color by 10%, you get **007D73**, and if you desaturate by 10%, it is **0C7D74**.

# Distribution



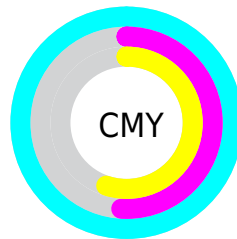
- Red (0%)
- Green (49%)
- Blue (45%)



- Red (0%)
- Yellow (25%)
- Blue (49%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007D73 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 007D73 by changing the saturation by 10% instead.



 007D73

 007D73

FFFFFF

 00645B

 50B2A7

 004B43

 6DCEC2

 00342D

 89EADE

 002018

 A6FFFA

 000000

 C3FFFF

 E0FFFF

FEFFFF

 007D73

■ 0C7D74

■ 197D75

■ 267D76

■ 327D77

■ 3F7D78

■ 4B7D79

■ 577D7A

■ 647D7B

■ 717D7C

# Harmonies

## Analogous

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



3D7B58



007D73



007C8D

# Triad

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



007D73



78669B



92663F

# Complementary

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



007D73



7D000A

# 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.



A05D52



007D73



945D86

# Square

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



007D73



4E70A4



A15A6B



7B6F39

# Rectangle

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



007D73



007A9A



A15A6B



986344



# Sweetspot

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



007D73



72A39F



0A7D00



34524F



D1D1D1



525252



# Same Dimension

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



007D73



00A396



00497D



39403F



008075



000000



# Inverse Universe

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



7D000A



A3000D



7D3400



40393A



80000A



000000



# Previews

## White Background



This preview shows how the Hex color 007D73 looks on a white background.

## Color Contrast Check

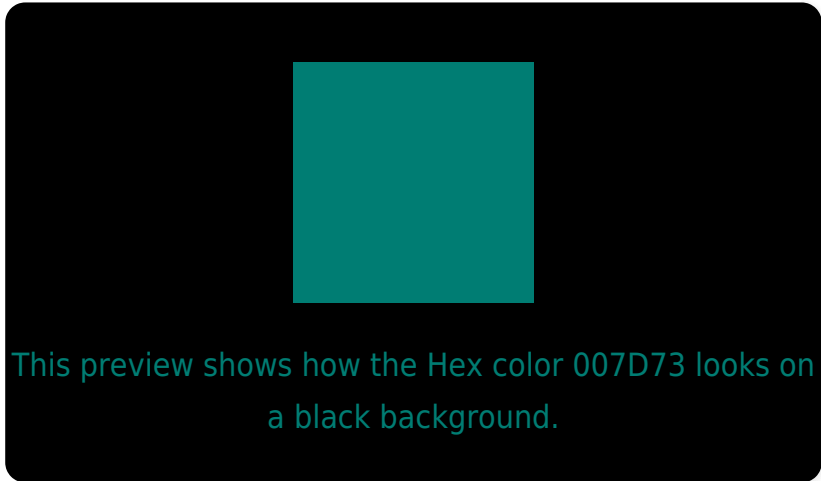
Large Text (above 18pt) WCAG AA ✓ Pass

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

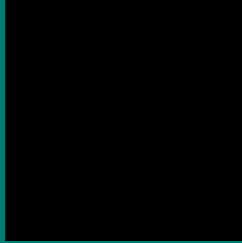
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 007D73 Background



This preview shows how black text looks on a background with the Hex color 007D73.

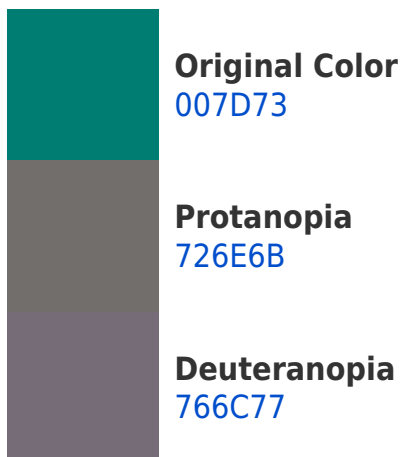


This preview shows how white text looks on a background with the Hex color 007D73.

# 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**  
1E7A84

# Trichromacy



**Original Color**  
007D73



**Protanomaly**  
49736E



**Deuteranomaly**  
4B7276



**Tritanomaly**  
137B7E

# Monochromacy



**Original Color**  
007D73



**Achromatopsia**  
565656



**Achromatomaly**  
376461

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007D73 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 #007D73 looks like.

```
.text, #text, p{  
    color:#007D73  
}
```

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 #007D73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007D73
}
```

## Border

The CSS property to change the border of an element to Hex 007D73 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
#007D73 }
```

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

```
.border{ border-color:#007D73 }
```

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

Here you see how a box with a 4 pixel #007D73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007D73; -webkit-box-shadow:4px 4px  
4px 4px #007D73; box-shadow:4px 4px 4px  
4px #007D73 }
```

# Background

The CSS property to change the background color of an element to Hex 007D73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007D73 }
```

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

```
.background{ background-color:#007D73 }
```

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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