

Converting Colors

Hex(007E6F)

Have a look what the booklet for
Hex(007E6F) contains.

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Color

Hex(007E6F)

Conversions

Conversions Part 1

Format	Color
Hex	007E6F
RGB	0, 126, 111
RGB Percent	0%, 49%, 44%
CMY	1.0000, 0.5059, 0.5647
CMYK	1.00, 0.00, 0.12, 0.51
HSL	173°, 100%, 25%
HSV	173°, 100%, 49%
XYZ	10.3301, 16.0694, 17.5962
YIQ	86.6160, -70.2810, -31.3770

Conversions

Conversions Part 2

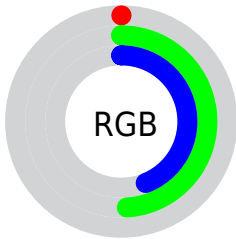
Format	Color
RYB	0, 67, 126
Decimal	32367
CIELab	47.07, -33.22, -0.21
CIELCh	47, 33.222, 180.354
Yxy	16.0694, 0.2348, 0.3652
Android (android.graphics.Color)	4278222447 (0xFF007E6F)
YUV	86.6160, 12.0213, -75.9622
Hunter-Lab	40.0867, -24.1533, 2.0351

Details

The Hex color **007E6F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **7E000F**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **50B3A3**, and **004C3F** is the 20% darker color. If you saturate the color by 10%, you get **007E6F**, and if you desaturate by 10%, it is **0D7E71**.

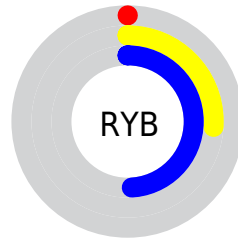
Distribution



Red (0%)

Green (49%)

Blue (44%)



Red (0%)

Yellow (26%)

Blue (49%)

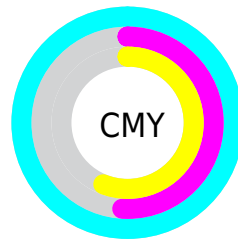


Cyan (100%)

Magenta (0%)

Yellow (12%)

Black (51%)



Cyan (100%)

Magenta (51%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007E6F 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 007E6F by changing the saturation by 10% instead.

 007E6F

 007E6F

FFFFFF

 006557

 50B3A3

 004C3F

 6DCFBE

 00342A

 89ECD9

 002115

 A6FFF6

 000000

 C3FFFF

 E0FFFF

FEFFFF

 007E6F

■ 0D7E71

■ 197E72

■ 267E74

■ 327E75

■ 3F7E77

■ 4C7E78

■ 587E7A

■ 657E7B

■ 717E7D

Harmonies

Analogous

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



417C53



007E6F



007D8B

Triad

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



007E6F



7268A0



976440

Complementary

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



007E6F



7E000F

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.



A45C55



007E6F



935E8C

Square

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



007E6F



4272A7



A35970



806E37

Rectangle

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



007E6F



007B9A



A35970



9C6146

Sweetspot

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



007E6F



72A39D



117E00



34524E



D1D1D1



525252

Same Dimension

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



007E6F



00A390



00507E



39403F



008070



000000

Inverse Universe

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



7E000F



A30013



7E2E00



40393A



80000F



000000

Previews

White Background



This preview shows how the Hex color 007E6F looks on a white background.

Color Contrast Check

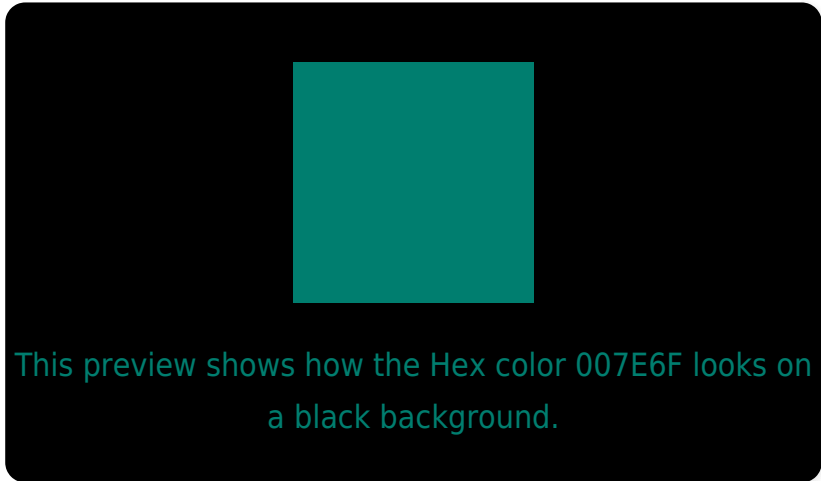
Large Text (above 18pt) WCAG AA ✓ Pass

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

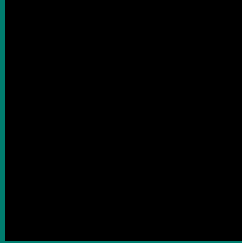
Any Text WCAG AA × Fail

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 007E6F Background



This preview shows how black text looks on a background with the Hex color 007E6F.

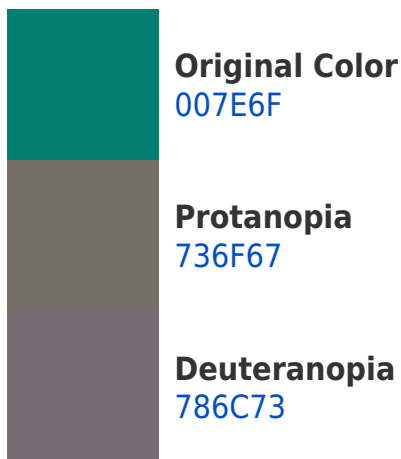


This preview shows how white text looks on a background with the Hex color 007E6F.

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
217B85

Trichromacy



Original Color
007E6F



Protanomaly
49746A



Deuteranomaly
4C7372



Tritanomaly
157C7D

Monochromacy



Original Color
007E6F



Achromatopsia
575757



Achromatomaly
376560

CSS Examples

Text

The CSS property to change the color of the text to Hex 007E6F 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 #007E6F looks like.

```
.text, #text, p{  
    color:#007E6F  
}
```

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 #007E6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007E6F
}
```

Border

The CSS property to change the border of an element to Hex 007E6F is called "border". The border property can be set on classes, ids or directly on the HTML element.

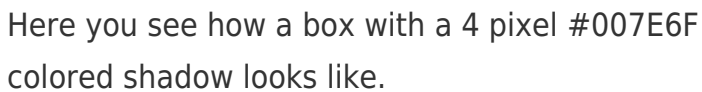
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#007E6F }
```

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

```
.border{ border-color:#007E6F }
```

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



Here you see how a box with a 4 pixel #007E6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007E6F; -webkit-box-shadow:4px 4px  
4px 4px #007E6F; box-shadow:4px 4px 4px  
4px #007E6F }
```

Background

The CSS property to change the background color of an element to Hex 007E6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007E6F }
```

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

```
.background{ background-color:#007E6F }
```

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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