

Converting Colors

Hex(007786)

Have a look what the booklet for
Hex(007786) contains.

Hex(007786)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(007786)

Conversions

Conversions Part 1

Format	Color
Hex	007786
RGB	0, 119, 134
RGB Percent	0%, 47%, 53%
CMY	1.0000, 0.5333, 0.4745
CMYK	1.00, 0.11, 0.00, 0.47
HSL	187°, 100%, 26%
HSV	187°, 100%, 53%
XYZ	10.8999, 14.9149, 24.8586
YIQ	85.1290, -75.7390, -20.5630

Conversions

Conversions Part 2

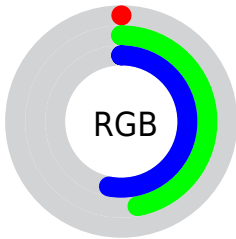
Format	Color
RYB	0, 63, 134
Decimal	30598
CIELab	45.52, -22.24, -16.17
CIELCh	46, 27.499, 216.023
Yxy	14.9149, 0.2151, 0.2943
Android (android.graphics.Color)	4278220678 (0xFF007786)
YUV	85.1290, 24.0934, -74.6581
Hunter-Lab	38.6198, -17.2055, -11.1297

Details

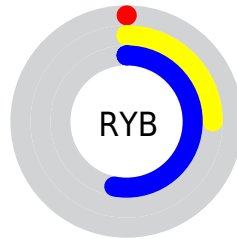
The Hex color **007786** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **860F00**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **52ACBB**, and **004654** is the 20% darker color. If you saturate the color by 10%, you get **007786**, and if you desaturate by 10%, it is **0D7886**.

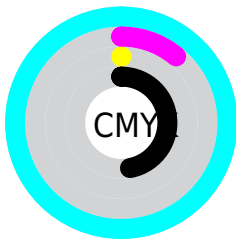
Distribution



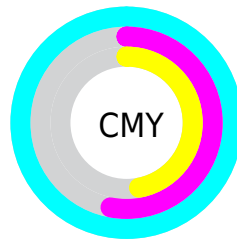
- Red (0%)
- Green (47%)
- Blue (53%)



- Red (0%)
- Yellow (25%)
- Blue (53%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (53%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007786 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 007786 by changing the saturation by 10% instead.

007786

007786

FFFFFF

005E6D

52ACBB

004654

6FC7D7

002F3D

8CE3F3

001D27

A8FFFF

000112

C5FFFF

000000

E3FFFF

007786

0D7886

 1B7A86

 287B86

 367D86

 437E86

 508086

 5E8286

 6B8386

 798586

Harmonies

Analogous

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



207870



007786



287395

Triad

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



007786



8C5D7F



766C3D

Complementary

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



007786



860F00

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.



8A6442



007786



985A68

Square

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



007786



746491



965D52



5E7246

Rectangle

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



007786



456F99



965D52



7E693E

Sweetspot

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



007786



79A8AD



00860D



375357



D6D6D6



575757

Same Dimension

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



007786



009AAD



003686



3C4242



007382



000203

Inverse Universe

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



860077



AD009A



865000



423C42



820073



030002

Previews

White Background



This preview shows how the Hex color 007786 looks on a white background.

Color Contrast Check

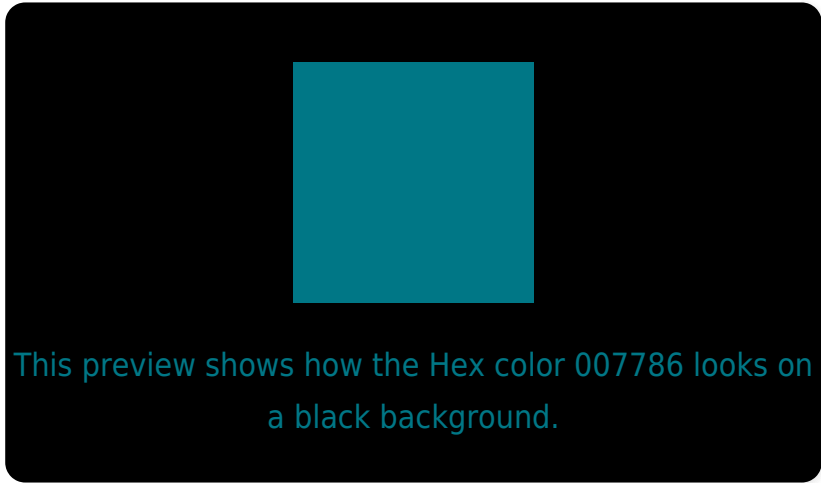
Large Text (above 18pt) WCAG AA ✓ Pass

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

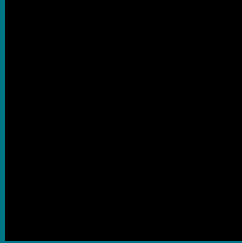
Any Text WCAG AA × Fail

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 007786 Background



This preview shows how black text looks on a background with the Hex color 007786.

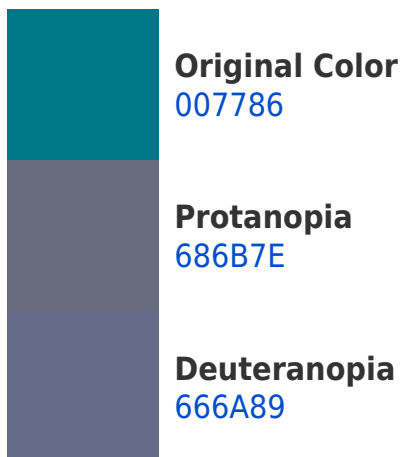


This preview shows how white text looks on a background with the Hex color 007786.

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](#).

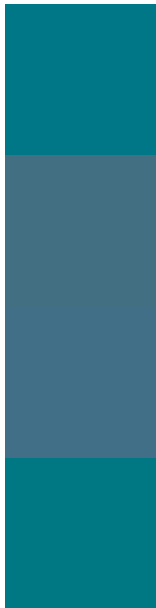
Dichromacy





Tritanopia
007881

Trichromacy



Original Color
007786

Protanomaly
426F81

Deuteranomaly
416F88

Tritanomaly
007883

Monochromacy



Original Color
007786

Achromatopsia
555555

Achromatomaly
366167

CSS Examples

Text

The CSS property to change the color of the text to Hex 007786 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 #007786 looks like.

```
.text, #text, p{  
    color:#007786  
}
```

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 #007786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007786
}
```

Border

The CSS property to change the border of an element to Hex 007786 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
#007786 }
```

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

```
.border{ border-color:#007786 }
```

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

Here you see how a box with a 4 pixel #007786 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007786; -webkit-box-shadow:4px 4px  
4px 4px #007786; box-shadow:4px 4px 4px  
4px #007786 }
```

Background

The CSS property to change the background color of an element to Hex 007786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007786 }
```

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

```
.background{ background-color:#007786 }
```

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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