

Converting Colors

Hex(007871)

Have a look what the booklet for
Hex(007871) contains.

Hex(007871)	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(007871)

Conversions

Conversions Part 1

Format	Color
Hex	007871
RGB	0, 120, 113
RGB Percent	0%, 47%, 44%
CMY	1.0000, 0.5294, 0.5569
CMYK	1.00, 0.00, 0.06, 0.53
HSL	176°, 100%, 24%
HSV	176°, 100%, 47%
XYZ	9.6971, 14.6252, 17.9346
YIQ	83.3220, -69.2730, -27.6170

Conversions

Conversions Part 2

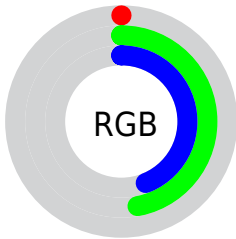
Format	Color
RYB	0, 62, 120
Decimal	30833
CIELab	45.12, -29.80, -4.26
CIELCh	45, 30.101, 188.135
Yxy	14.6252, 0.2295, 0.3461
Android (android.graphics.Color)	4278220913 (0xFF007871)
YUV	83.3220, 14.6313, -73.0734
Hunter-Lab	38.2429, -21.6635, -1.0350

Details

The Hex color **007871** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **780007**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **4FADA5**, and **004741** is the 20% darker color. If you saturate the color by 10%, you get **007871**, and if you desaturate by 10%, it is **0C7872**.

Distribution



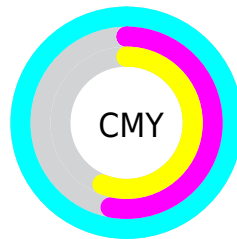
- Red (0%)
- Green (47%)
- Blue (44%)



- Red (0%)
- Yellow (24%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007871 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 007871 by changing the saturation by 10% instead.

007871

007871

FFFFFF

005F59

4FADA5

004741

6BC8C0

002F2B

88E5DC

001B17

A4FFF8

000000

C1FFFF

DEFFFF

FCFFFF

007871

■ 0C7872

■ 187872

■ 247873

■ 307874

■ 3C7874

■ 487875

■ 547876

■ 607877

■ 6C7877

Harmonies

Analogous

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



397757



007871



007789

Triad

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



007871



766292



8A633C

Complementary

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



007871



780007

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.



985B4D



007871



90597E

Square

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



007871



506B9C



9B5765



746C38

Rectangle

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



007871



007495



9B5765



906041

Sweetspot

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



007871



6D9C99



087800



334F4D



CFCFCF



4F4F4F

Same Dimension

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



007871



009C92



004478



373D3D



007D76



00FCEE

Inverse Universe

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



780007



9C0009



783400



3D3737



7D0007



FC000F

Previews

White Background



This preview shows how the Hex color 007871 looks on a white background.

Color Contrast Check

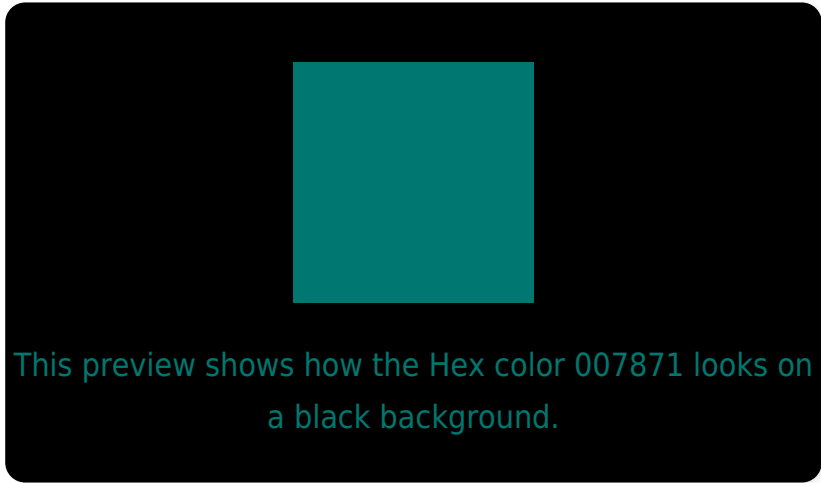
Large Text (above 18pt) WCAG AA ✓ Pass

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

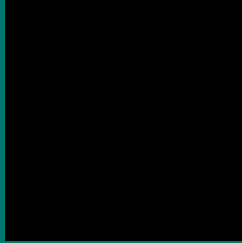
Any Text WCAG AA × Fail

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 007871 Background



This preview shows how black text looks on a background with the Hex color 007871.

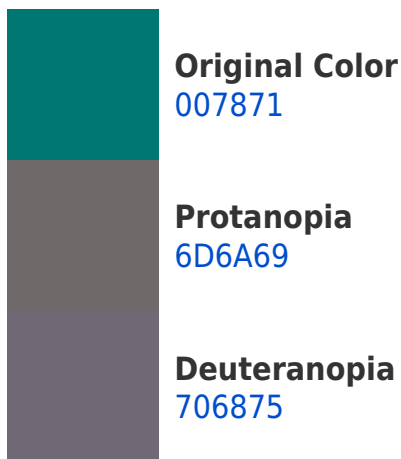


This preview shows how white text looks on a background with the Hex color 007871.

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
1B767F

Trichromacy



Original Color
007871



Protanomaly
456F6C



Deuteranomaly
476E74



Tritanomaly
11777A

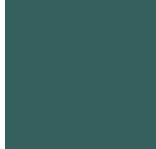
Monochromacy



Original Color
007871



Achromatopsia
535353



Achromatomaly
35605E

CSS Examples

Text

The CSS property to change the color of the text to Hex 007871 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 #007871 looks like.

```
.text, #text, p{  
    color:#007871  
}
```

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 #007871 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007871
}
```

Border

The CSS property to change the border of an element to Hex 007871 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
#007871 }
```

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

```
.border{ border-color:#007871 }
```

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

Here you see how a box with a 4 pixel #007871 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007871; -webkit-box-shadow:4px 4px  
4px 4px #007871; box-shadow:4px 4px 4px  
4px #007871 }
```

Background

The CSS property to change the background color of an element to Hex 007871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007871 }
```

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

```
.background{ background-color:#007871 }
```

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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