

Converting Colors

Hex(017759)

Have a look what the booklet for
Hex(017759) contains.

Hex(017759)	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(017759)

Conversions

Conversions Part 1

Format	Color
Hex	017759
RGB	1, 119, 89
RGB Percent	0%, 47%, 35%
CMY	0.9961, 0.5333, 0.6510
CMYK	0.99, 0.00, 0.25, 0.53
HSL	165°, 98%, 24%
HSV	165°, 99%, 47%
XYZ	8.4125, 13.9214, 11.6949
YIQ	80.2980, -60.6980, -34.3460

Conversions

Conversions Part 2

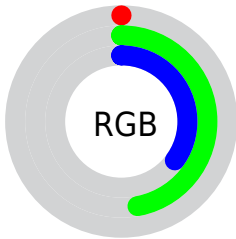
Format	Color
RYB	1, 69, 119
Decimal	96089
CIELab	44.12, -36.31, 8.59
CIELCh	44, 37.313, 166.698
Yxy	13.9214, 0.2472, 0.4091
Android (android.graphics.Color)	4278286169 (0xFF017759)
YUV	80.2980, 4.2901, -69.5443
Hunter-Lab	37.3114, -25.0488, 7.5340

Details

The Hex color **017759** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **77011F**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **4CAC8B**, and **00452B** is the 20% darker color. If you saturate the color by 10%, you get **007759**, and if you desaturate by 10%, it is **0D775C**.

Distribution



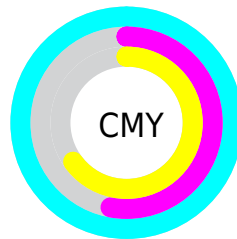
- Red (0%)
- Green (47%)
- Blue (35%)



- Red (0%)
- Yellow (27%)
- Blue (47%)



- Cyan (99%)
- Magenta (0%)
- Yellow (25%)
- Black (53%)





- Cyan (100%)
- Magenta (53%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 017759 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 017759 by changing the saturation by 10% instead.

 017759

 017759

FFFFFF

 005E42

 4CAC8B

 00452B

 69C8A5

 002E17

 85E4C0

 001700


 A1FFDC

 000000

 BEFFF9

 DBFFFF

 F8FFFF

 017759

 017759

■ 007759

■ 0D775C

■ 19775F

■ 257762

■ 317765

■ 3C7768

■ 48776B

■ 54776E

■ 607771

■ 6C7774

Harmonies

Analogous

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



46733C



017759



007879

Triad

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



017759



5366A4



9A563C

Complementary

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



017759



77011F

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.



A24E58



017759



815993

Square

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



017759



0070A4



9B4F77



86622B

Rectangle

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



017759



00778C



9B4F77



9F5345

Sweetspot

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



017759



6D9C90



207701



334F48



CFCFCF



4F4F4F

Same Dimension

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



017759



009C74



015B77



353B39



007A5B



00FABA

Inverse Universe

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



77011F



9C0028



771D01



3B3536



7A001F



FA0040

Previews

White Background



This preview shows how the Hex color 017759 looks on a white background.

Color Contrast Check

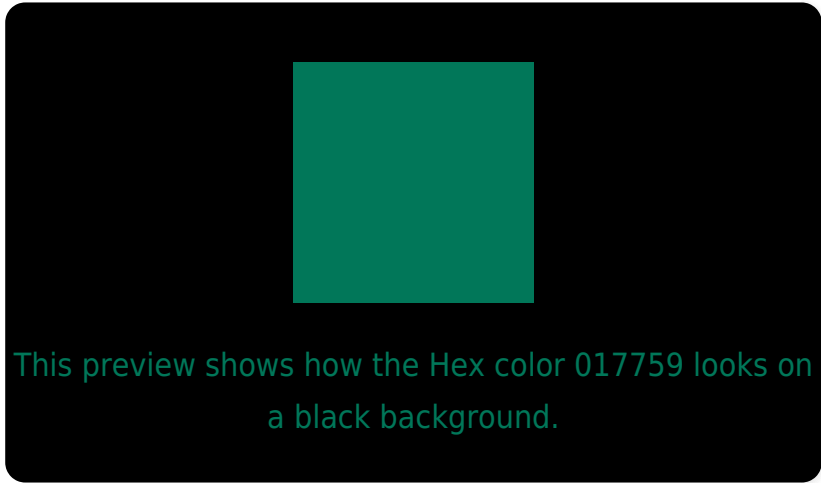
Large Text (above 18pt) WCAG AA ✓ Pass

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

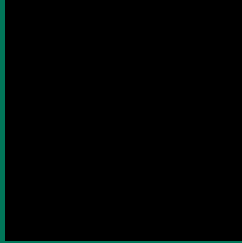
Any Text WCAG AA × Fail

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 017759 Background



This preview shows how black text looks on a background with the Hex color 017759.

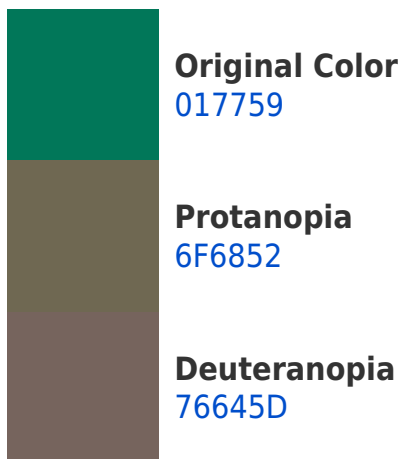


This preview shows how white text looks on a background with the Hex color 017759.

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
26727C

Trichromacy



Original Color
017759



Protanomaly
476D55



Deuteranomaly
4B6B5C



Tritanomaly
19746F

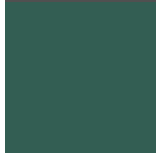
Monochromacy



Original Color
017759



Achromatopsia
505050



Achromatomaly
335E53

CSS Examples

Text

The CSS property to change the color of the text to Hex 017759 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 #017759 looks like.

```
.text, #text, p{  
    color:#017759  
}
```

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 #017759 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #017759
}
```

Border

The CSS property to change the border of an element to Hex 017759 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
#017759 }
```

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

```
.border{ border-color:#017759 }
```

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

Here you see how a box with a 4 pixel #017759 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #017759; -webkit-box-shadow:4px 4px  
4px 4px #017759; box-shadow:4px 4px 4px  
4px #017759 }
```

Background

The CSS property to change the background color of an element to Hex 017759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#017759 }
```

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

```
.background{ background-color:#017759 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor