

Converting Colors

Hex(007E77)

Have a look what the booklet for
Hex(007E77) contains.

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Color

Hex(007E77)

Conversions

Conversions Part 1

Format	Color
Hex	007E77
RGB	0, 126, 119
RGB Percent	0%, 49%, 47%
CMY	1.0000, 0.5059, 0.5333
CMYK	1.00, 0.00, 0.06, 0.51
HSL	177°, 100%, 25%
HSV	177°, 100%, 49%
XYZ	10.7906, 16.2536, 20.0213
YIQ	87.5280, -72.8490, -28.8890

Conversions

Conversions Part 2

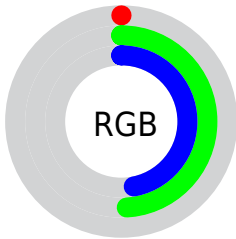
Format	Color
RYB	0, 65, 126
Decimal	32375
CIELab	47.31, -30.76, -4.58
CIELCh	47, 31.102, 188.473
Yxy	16.2536, 0.2293, 0.3453
Android (android.graphics.Color)	4278222455 (0xFF007E77)
YUV	87.5280, 15.5157, -76.7621
Hunter-Lab	40.3158, -22.7766, -1.2231

Details

The Hex color **007E77** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7E0007**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **51B3AB**, and **004C47** is the 20% darker color. If you saturate the color by 10%, you get **007E77**, and if you desaturate by 10%, it is **0D7E78**.

Distribution



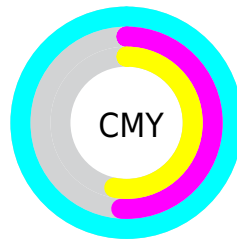
- Red (0%)
- Green (49%)
- Blue (47%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007E77 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 007E77 by changing the saturation by 10% instead.

 007E77

 007E77

FFFFFF

 00655E

 51B3AB

 004C47

 6ECFC6

 003530

 8AEBE2

 00211B

 A7FFFF

 000000

 C4FFFF

 E1FFFF

 007E77

 0D7E78

 197E78

 267E79


 327E7A

 3F7E7B

 4C7E7B

 587E7C

 657E7D

 717E7D

Harmonies

Analogous

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



3C7C5C



007E77



007D90

Triad

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



007E77



7D6799



916840

Complementary

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



007E77



7E0007

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.



9F5F51



007E77



975E84

Square

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



007E77



5570A4



A25B6A



7A713B

Rectangle

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



007E77



007A9C



A25B6A



976544

Sweetspot

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



007E77



72A3A0



087E00



345250



D1D1D1



525252

Same Dimension

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



007E77



00A39A



00477E



39403F



008078



000000

Inverse Universe

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



7E0007



A30009



7E3700



40393A



800007



000000

Previews

White Background



This preview shows how the Hex color 007E77 looks on a white background.

Color Contrast Check

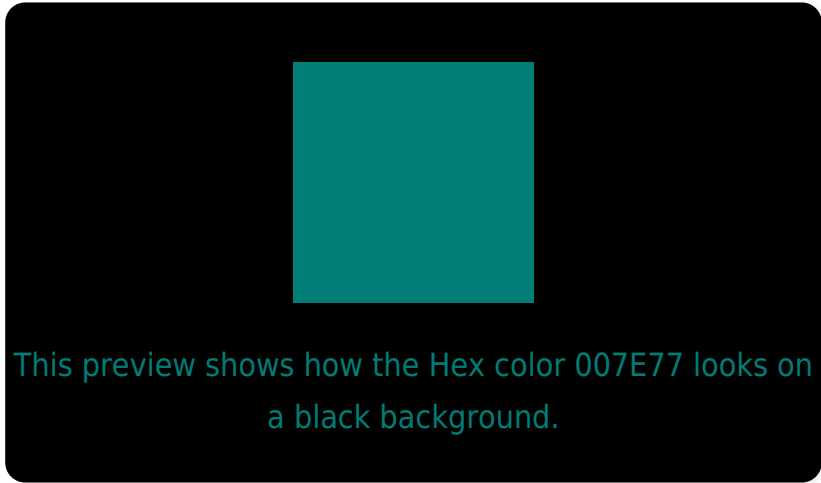
Large Text (above 18pt) WCAG AA ✓ Pass

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

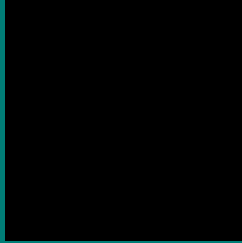
Any Text WCAG AA × Fail

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 007E77 Background



This preview shows how black text looks on a background with the Hex color 007E77.

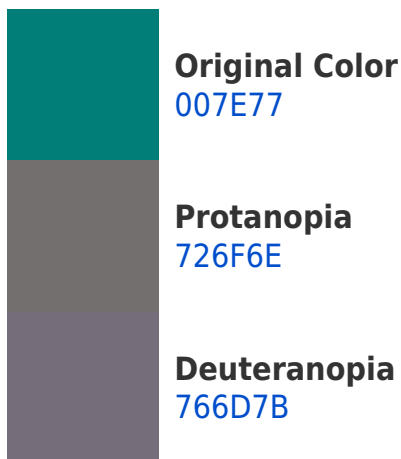



This preview shows how white text looks on a background with the Hex color 007E77.

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
1C7C86

Trichromacy



Original Color
007E77



Protanomaly
497471



Deuteranomaly
4B737A



Tritanomaly
127D81

Monochromacy



Original Color
007E77



Achromatopsia
585858



Achromatomaly
386663

CSS Examples

Text

The CSS property to change the color of the text to Hex 007E77 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 #007E77 looks like.

```
.text, #text, p{  
    color:#007E77  
}
```

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 #007E77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007E77
}
```

Border

The CSS property to change the border of an element to Hex 007E77 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
#007E77 }
```

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

```
.border{ border-color:#007E77 }
```

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

Here you see how a box with a 4 pixel #007E77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007E77; -webkit-box-shadow:4px 4px  
4px 4px #007E77; box-shadow:4px 4px 4px  
4px #007E77 }
```

Background

The CSS property to change the background color of an element to Hex 007E77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007E77 }
```

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

```
.background{ background-color:#007E77 }
```

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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