

Converting Colors

Hex(17775E)

Have a look what the booklet for
Hex(17775E) contains.

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Color

Hex(17775E)

Conversions

Conversions Part 1

Format	Color
Hex	17775E
RGB	23, 119, 94
RGB Percent	9%, 47%, 37%
CMY	0.9098, 0.5333, 0.6314
CMYK	0.81, 0.00, 0.21, 0.53
HSL	164°, 68%, 28%
HSV	164°, 81%, 47%
XYZ	8.9706, 14.1840, 12.8547
YIQ	87.4460, -49.1910, -28.1270

Conversions

Conversions Part 2

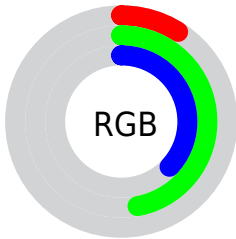
Format	Color
RYB	23, 78, 119
Decimal	1537886
CIELab	44.50, -33.11, 6.19
CIELCh	44, 33.683, 169.412
Yxy	14.1840, 0.2491, 0.3939
Android (android.graphics.Color)	4279727966 (0xFF17775E)
YUV	87.4460, 3.2311, -56.5191
Hunter-Lab	37.6616, -23.3912, 6.1263

Details

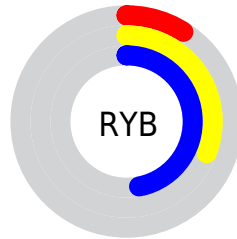
The Hex color **17775E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **771730**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **55AC90**, and **004630** is the 20% darker color. If you saturate the color by 10%, you get **0B775B**, and if you desaturate by 10%, it is **237761**.

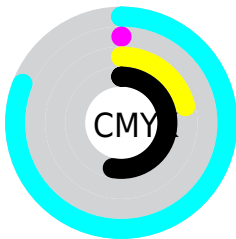
Distribution



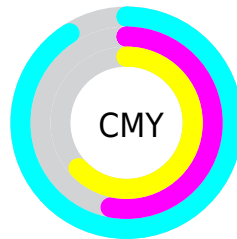
- Red (9%)
- Green (47%)
- Blue (37%)



- Red (9%)
- Yellow (31%)
- Blue (47%)



- Cyan (81%)
- Magenta (0%)
- Yellow (21%)
- Black (53%)



- Cyan (91%)
- Magenta (53%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17775E 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 17775E by changing the saturation by 10% instead.

 17775E

 17775E

FFFFFF

 005E46

 55AC90

 004630

 70C8AB

 002E1B

 8CE4C6

 001800

 A8FFE2

 000000

 C4FFFF

 E1FFFF

 17775E

 17775E

 0B775B

 237761

■ 007758

■ 2F7764

■ 3B7767

■ 47776A

■ 52776D

■ 5E7771

■ 6A7774

■ 767777

■ 82777A

Harmonies

Analogous

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



487444



17775E



00787B

Triad

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



17775E



5C669E



965A40

Complementary

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



17775E



771730

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.



9E5358



17775E



825B8E

Square

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



17775E



1D6FA0



985374



836431

Rectangle

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



17775E



00768C



985374



9A5747

Sweetspot

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



17775E



769C92



317717



384F49



CFCFCF



4F4F4F

Same Dimension

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



17775E



059C74



176177



353B39



007A5B



00FAB9

Inverse Universe

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



771730



9C052C



772D17



3B3536



7A0020



FA0041

Previews

White Background



This preview shows how the Hex color 17775E looks on a white background.

Color Contrast Check

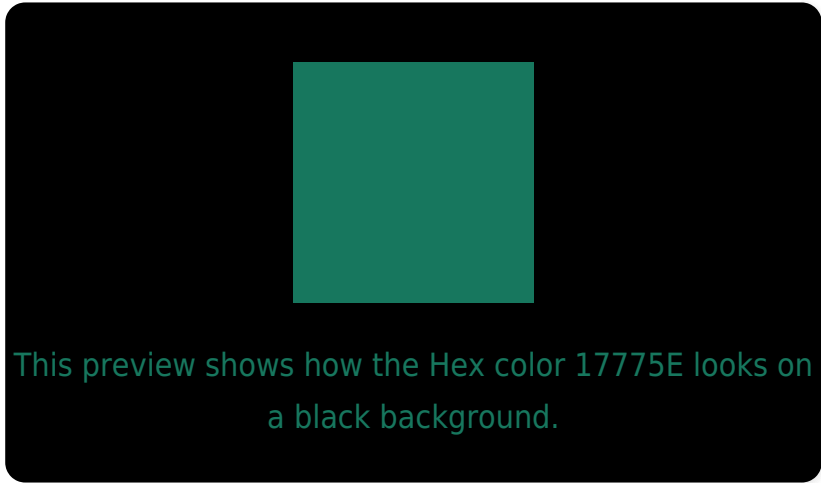
Large Text (above 18pt) WCAG AA ✓ Pass

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

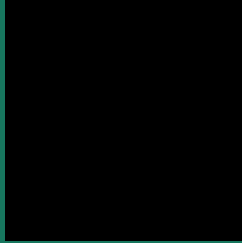
Any Text WCAG AA × Fail

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 17775E Background



This preview shows how black text looks on a background with the Hex color 17775E.

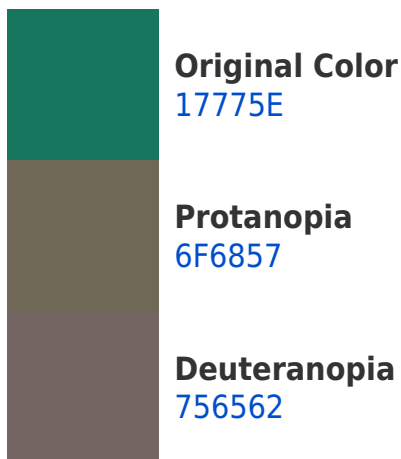


This preview shows how white text looks on a background with the Hex color 17775E.

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
2A737C

Trichromacy



Original Color
17775E

Protanomaly
4F6D5A

Deuteranomaly
536C61

Tritanomaly
237471

Monochromacy



Original Color
17775E

Achromatopsia
575757

Achromatomaly
40635A

CSS Examples

Text

The CSS property to change the color of the text to Hex 17775E 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 #17775E looks like.

```
.text, #text, p{  
    color:#17775E  
}
```

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 #17775E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17775E
}
```

Border

The CSS property to change the border of an element to Hex 17775E 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
#17775E }
```

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

```
.border{ border-color:#17775E }
```

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

Here you see how a box with a 4 pixel #17775E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17775E; -webkit-box-shadow:4px 4px  
4px 4px #17775E; box-shadow:4px 4px 4px  
4px #17775E }
```

Background

The CSS property to change the background color of an element to Hex 17775E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17775E }
```

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

```
.background{ background-color:#17775E }
```

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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