

# Converting Colors

Hex(17779E)

Have a look what the booklet for  
Hex(17779E) contains.

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# Color

**Hex(17779E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	17779E
RGB	23, 119, 158
RGB Percent	9%, 47%, 62%
CMY	0.9098, 0.5333, 0.3804
CMYK	0.85, 0.25, 0.00, 0.38
HSL	197°, 75%, 35%
HSV	197°, 85%, 62%
XYZ	13.1217, 15.8444, 34.7144
YIQ	94.7420, -69.7350, -8.2230

# Conversions

## Conversions Part 2

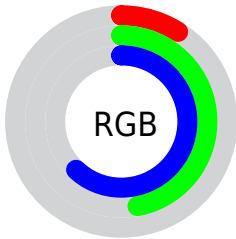
<b>Format</b>	<b>Color</b>
<b>RYB</b>	23, 79, 158
Decimal	1537950
CIELab	46.77, -12.14, -28.41
CIElCh	47, 30.893, 246.856
Yxy	15.8444, 0.2061, 0.2488
Android (android.graphics.Color)	4279728030 (0xFF17779E)
YUV	94.7420, 31.1862, -62.9177
Hunter-Lab	39.8051, -10.8164, -23.8439

# Details

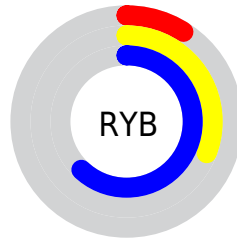
The Hex color **17779E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9E3E17**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **5DABD5**, and **00476A** is the 20% darker color. If you saturate the color by 10%, you get **07729E**, and if you desaturate by 10%, it is **277C9E**.

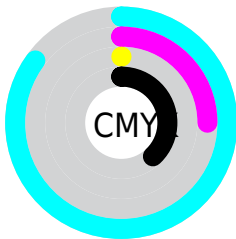
# Distribution



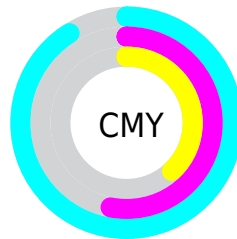
- Red (9%)
- Green (47%)
- Blue (62%)



- Red (9%)
- Yellow (31%)
- Blue (62%)



- Cyan (85%)
- Magenta (25%)
- Yellow (0%)
- Black (38%)



- Cyan (91%)
- Magenta (53%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 17779E 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 17779E by changing the saturation by 10% instead.



■ 17779E

■ 17779E

FFFFFF

■ 005E84

■ 5DABD5

■ 00476A

■ 7BC6F1

■ 003052

■ 98E2FF

■ 001C3B

■ B5FFFF

■ 000225

■ D2FFFF

■ 00010D

■ F0FFFF

■ 000000

■ 17779E

■ 17779E

■ 07729E

■ 277C9E

00709E

37809E

46859E

56899E

668E9E

76929E

86979E

959C9E

A5A09E

# Harmonies

## Analogous

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



007B8D



17779E



516FA2

# Triad

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



17779E



A05A6A



5E7644

# Complementary

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



17779E



9E3E17

# 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.



7A6F3A



17779E



9E5E51

# Square

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



17779E



945D84



90663F



3D7B5A

# Rectangle

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



17779E



6D699D



90663F



68743F



# Sweetspot

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



17779E



99BFCF



179E3D



485F69



E8E8E8



696969



# Same Dimension

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



17779E



0093CF



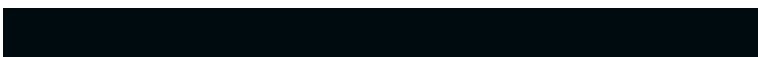
17349E



474D4F



00668F



000B0F



# Inverse Universe

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



9E1777



CF0093



9E8117



4F474D



8F0066



0F000B



# Previews

## White Background



This preview shows how the Hex color 17779E looks on a white background.

## Color Contrast Check

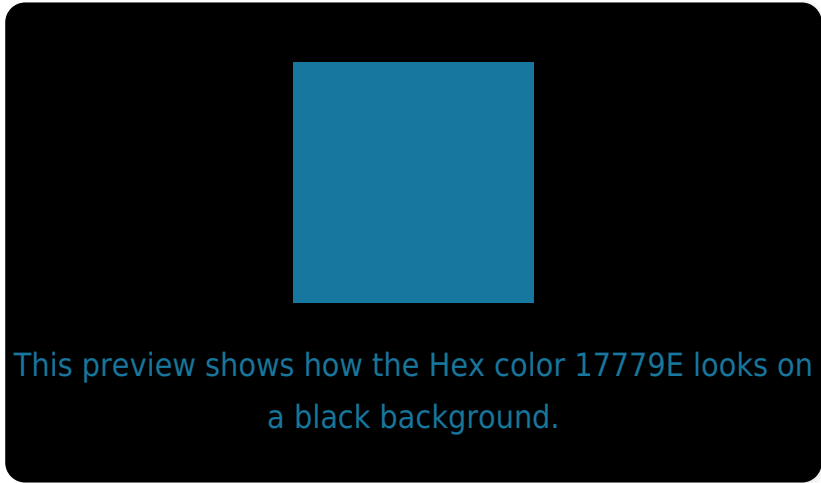
Large Text (above 18pt) WCAG AA ✓ Pass

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

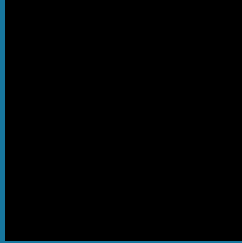
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 17779E Background



This preview shows how black text looks on a background with the Hex color 17779E.

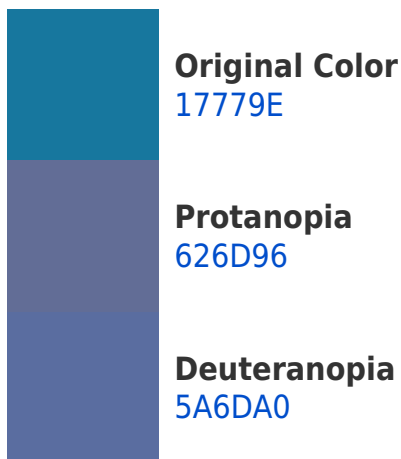


This preview shows how white text looks on a background with the Hex color 17779E.

# 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](#).

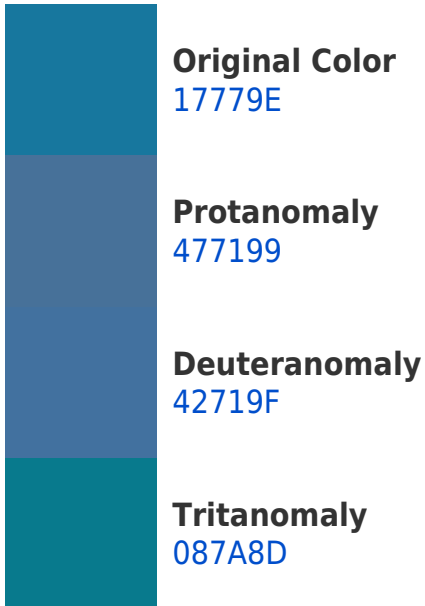
## Dichromacy





**Tritanopia**  
007B84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 17779E 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 #17779E looks like.

```
.text, #text, p{  
    color:#17779E  
}
```

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 #17779E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17779E
}
```

## Border

The CSS property to change the border of an element to Hex 17779E is called "border". The border property can be set on classes, ids or directly on the HTML element.

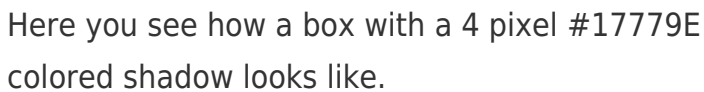
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#17779E }
```

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

```
.border{ border-color:#17779E }
```

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



Here you see how a box with a 4 pixel #17779E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17779E; -webkit-box-shadow:4px 4px  
4px 4px #17779E; box-shadow:4px 4px 4px  
4px #17779E }
```

# Background

The CSS property to change the background color of an element to Hex 17779E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17779E }
```

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

```
.background{ background-color:#17779E }
```

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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