

# Converting Colors

Hex(11797B)

Have a look what the booklet for  
Hex(11797B) contains.

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# Color

**Hex(11797B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	11797B
RGB	17, 121, 123
RGB Percent	7%, 47%, 48%
CMY	0.9333, 0.5255, 0.5176
CMYK	0.86, 0.02, 0.00, 0.52
HSL	181°, 76%, 27%
HSV	181°, 86%, 48%
XYZ	10.6437, 15.2240, 21.1164
YIQ	90.1320, -62.6260, -21.4260

# Conversions

## Conversions Part 2

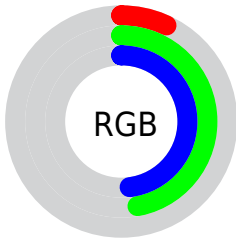
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	17, 69, 123
Decimal	1145211
CIE <sub>Lab</sub>	45.94, -25.98, -8.97
CIE <sub>LCh</sub>	46, 27.485, 199.058
Yxy	15.2240, 0.2265, 0.3240
Android (android.graphics.Color)	4279335291 (0xFF11797B)
YUV	90.1320, 16.2039, -64.1368
Hunter-Lab	39.0179, -19.5884, -4.7751

# Details

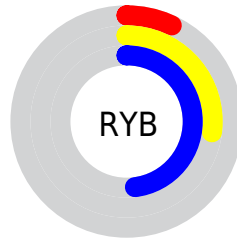
The Hex color **11797B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7B1311**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **55AEAF**, and **00484A** is the 20% darker color. If you saturate the color by 10%, you get **05797B**, and if you desaturate by 10%, it is **1D797B**.

# Distribution



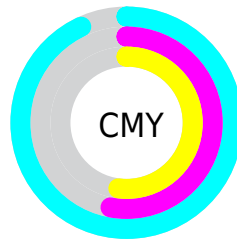
- Red (7%)
- Green (47%)
- Blue (48%)



- Red (7%)
- Yellow (27%)
- Blue (48%)



- Cyan (86%)
- Magenta (2%)
- Yellow (0%)
- Black (52%)




- Cyan (93%)
- Magenta (53%)
- Yellow (52%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 11797B 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 11797B by changing the saturation by 10% instead.



 11797B

 11797B

FFFFFF

 006062

 55AEAF

 00484A

 72C9CB

 003134

 8EE6E7

 001E1F


 AAFFFF


 000005

 C7FFFF

 000000

 E5FFFF

 11797B

 11797B

 05797B

 1D797B

■ 00797B

■ 2A797B

■ 367A7B

■ 427A7B

■ 4F7A7B

■ 5B7A7B

■ 677B7B

■ 737B7B

■ 807B7B

# Harmonies

## Analogous

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



357963



11797B



11778F

# Triad

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



11797B



81628B



836940

# Complementary

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



11797B



7B1311

# 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.



93614B



11797B



945C76

# Square

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



11797B



636A98



9A5B5F



6D7041

# Rectangle

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



11797B



2E7497



9A5B5F



8A6642



# Sweetspot

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



11797B



77A0A1



117B13



385152



D1D1D1



525252



# Same Dimension

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



11797B



009EA1



11447B



373D3D



007B7D



00F8FC



# Inverse Universe

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



7B1179



A1009E



7B4811



3D373D



7D007B



FC00F8



# Previews

## White Background



This preview shows how the Hex color 11797B looks on a white background.

## Color Contrast Check

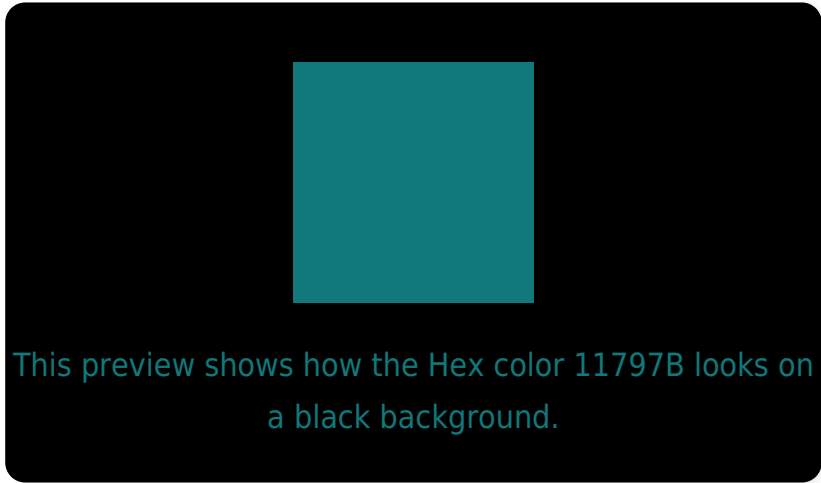
Large Text (above 18pt) WCAG AA ✓ Pass

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

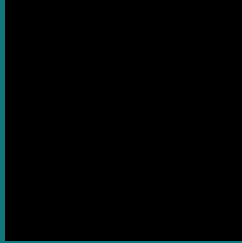
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 11797B Background



This preview shows how black text looks on a background with the Hex color 11797B.



This preview shows how white text looks on a background with the Hex color 11797B.

# 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](#).

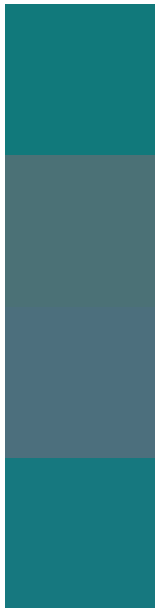
## Dichromacy





**Tritanopia**  
197882

# Trichromacy



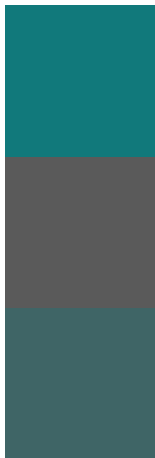
**Original Color**  
11797B

**Protanomaly**  
4B7176

**Deuteranomaly**  
4C6F7D

**Tritanomaly**  
16787F

# Monochromacy



**Original Color**  
11797B

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
3F6566

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 11797B 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 #11797B looks like.

```
.text, #text, p{  
    color:#11797B  
}
```

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 #11797B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11797B
}
```

## Border

The CSS property to change the border of an element to Hex 11797B 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
#11797B }
```

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

```
.border{ border-color:#11797B }
```

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

Here you see how a box with a 4 pixel #11797B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11797B; -webkit-box-shadow:4px 4px  
4px 4px #11797B; box-shadow:4px 4px 4px  
4px #11797B }
```

# Background

The CSS property to change the background color of an element to Hex 11797B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11797B }
```

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

```
.background{ background-color:#11797B }
```

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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