

Converting Colors

Hex(1A7C80)

Have a look what the booklet for
Hex(1A7C80) contains.

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Color

Hex(1A7C80)

Conversions

Conversions Part 1

Format	Color
Hex	1A7C80
RGB	26, 124, 128
RGB Percent	10%, 49%, 50%
CMY	0.8980, 0.5137, 0.4980
CMYK	0.80, 0.03, 0.00, 0.50
HSL	182°, 66%, 30%
HSV	182°, 80%, 50%
XYZ	11.5299, 16.1934, 22.9400
YIQ	95.1540, -59.6920, -19.5320

Conversions

Conversions Part 2

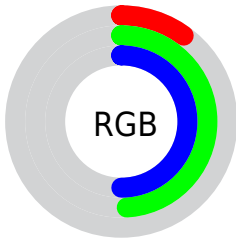
Format	Color
RYB	26, 76, 128
Decimal	1735808
CIELab	47.23, -25.02, -10.00
CIElCh	47, 26.940, 201.778
Yxy	16.1934, 0.2276, 0.3196
Android (android.graphics.Color)	4279925888 (0xFF1A7C80)
YUV	95.1540, 16.1931, -60.6481
Hunter-Lab	40.2411, -19.2777, -5.6304

Details

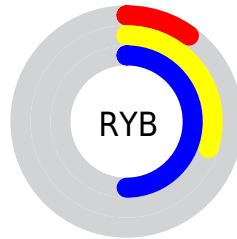
The Hex color **1A7C80** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **801E1A**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5AB1B5**, and **004B4F** is the 20% darker color. If you saturate the color by 10%, you get **0D7B80**, and if you desaturate by 10%, it is **277D80**.

Distribution



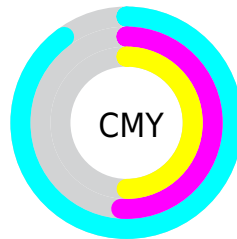
- Red (10%)
- Green (49%)
- Blue (50%)



- Red (10%)
- Yellow (30%)
- Blue (50%)



- Cyan (80%)
- Magenta (3%)
- Yellow (0%)
- Black (50%)



- Cyan (90%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A7C80 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 1A7C80 by changing the saturation by 10% instead.

■ 1A7C80

■ 1A7C80

FFFFFF

■ 006367

■ 5AB1B5

■ 004B4F

■ 76CDD0

■ 003338

■ 93E9ED

■ 002023

■ AFFFFFF

■ 00000D

■ CCFFFF

■ 000000

■ EAFFFF

■ 1A7C80

■ 1A7C80

■ 0D7B80

■ 277D80

007B80

347D80

407E80

4D7E80

5A7F80

677F80

748080

808080

8D8180

Harmonies

Analogous

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



377C69



1A7C80



207993

Triad

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



1A7C80



87648C



856C43

Complementary

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



1A7C80



801E1A

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.



95654D



1A7C80



985F77

Square

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



1A7C80



6A6C9A



9C5F60



6E7445

Rectangle

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



1A7C80



38769B



9C5F60



8B6A45

Sweetspot

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



1A7C80



7EA4A6



1A801D



3C5354



D4D4D4



545454

Same Dimension

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



1A7C80



07A0A6



1A4A80



394040



007B80



000000

Inverse Universe

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



801A7C



A607A0



80501A



403940



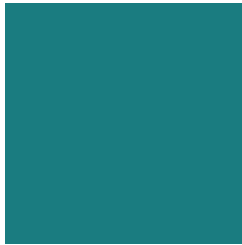
80007B



000000

Previews

White Background



This preview shows how the Hex color 1A7C80 looks on a white background.

Color Contrast Check

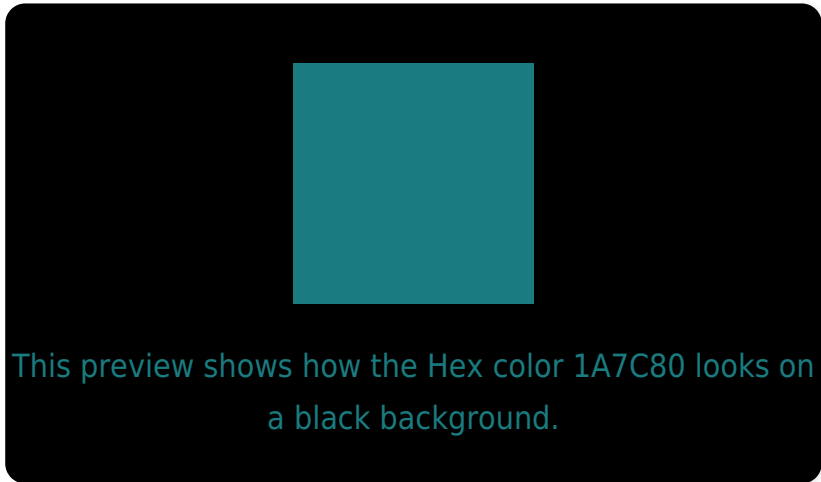
Large Text (above 18pt) WCAG AA ✓ Pass

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

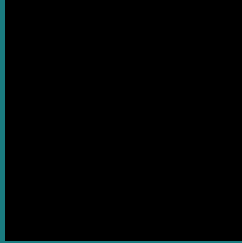
Any Text WCAG AA × Fail

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 1A7C80 Background



This preview shows how black text looks on a background with the Hex color 1A7C80.

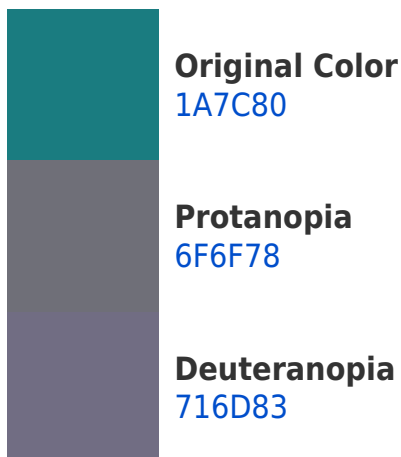


This preview shows how white text looks on a background with the Hex color 1A7C80.

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
1F7B85

Trichromacy



Original Color
1A7C80



Protanomaly
50747B



Deuteranomaly
517282



Tritanomaly
1D7B83

Monochromacy



Original Color
1A7C80



Achromatopsia
5F5F5F



Achromatomaly
466A6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A7C80 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 #1A7C80 looks like.

```
.text, #text, p{  
    color:#1A7C80  
}
```

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 #1A7C80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A7C80
}
```

Border

The CSS property to change the border of an element to Hex 1A7C80 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
#1A7C80 }
```

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

```
.border{ border-color:#1A7C80 }
```

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

Here you see how a box with a 4 pixel #1A7C80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A7C80; -webkit-box-shadow:4px 4px  
4px 4px #1A7C80; box-shadow:4px 4px 4px  
4px #1A7C80 }
```

Background

The CSS property to change the background color of an element to Hex 1A7C80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A7C80 }
```

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

```
.background{ background-color:#1A7C80 }
```

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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