

Converting Colors

Hex(1A7A8C)

Have a look what the booklet for
Hex(1A7A8C) contains.

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Color

Hex(1A7A8C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 1A7A8C |
| RGB | 26, 122, 140 |
| RGB Percent | 10%, 48%, 55% |
| CMY | 0.8980, 0.5216, 0.4510 |
| CMYK | 0.81, 0.13, 0.00, 0.45 |
| HSL | 189°, 69%, 33% |
| HSV | 189°, 81%, 55% |
| XYZ | 12.1192, 16.0321, 27.2667 |
| YIQ | 95.3480, -62.9940, -14.7540 |

Conversions

Conversions Part 2

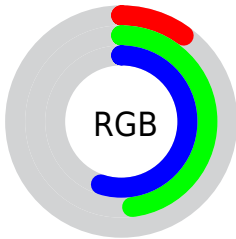
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 26, 78, 140 |
| Decimal | 1735308 |
| CIE _{Lab} | 47.02, -19.96, -17.41 |
| CIE _{LCh} | 47, 26.491, 221.098 |
| Yxy | 16.0321, 0.2187, 0.2893 |
| Android (android.graphics.Color) | 4279925388 (0xFF1A7A8C) |
| YUV | 95.3480, 22.0134, -60.8182 |
| Hunter-Lab | 40.0401, -16.0427, -12.3475 |

Details

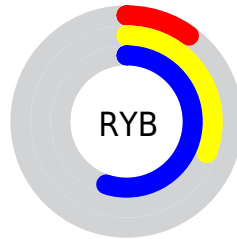
The Hex color **1A7A8C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8C2C1A**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5CAFC2**, and **00495A** is the 20% darker color. If you saturate the color by 10%, you get **0C788C**, and if you desaturate by 10%, it is **287C8C**.

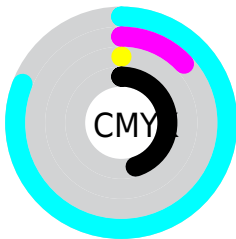
Distribution



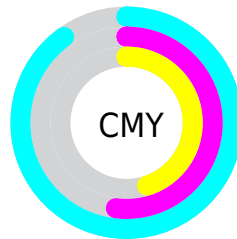
- Red (10%)
- Green (48%)
- Blue (55%)



- Red (10%)
- Yellow (31%)
- Blue (55%)



- Cyan (81%)
- Magenta (13%)
- Yellow (0%)
- Black (45%)



- Cyan (90%)
- Magenta (52%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A7A8C 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 1A7A8C by changing the saturation by 10% instead.

■ 1A7A8C

■ 1A7A8C

FFFFFF

■ 006172

■ 5CAFC2

■ 00495A

■ 78CADD

■ 003242

■ 95E6FA

■ 001E2C

■ B1FFFF

■ 000118

■ CEFFFF

■ 000000

■ ECFFFF

■ 1A7A8C

■ 1A7A8C

■ 0C788C

■ 287C8C

00768C

367E8C

44818C

52838C

60858C

6E878C

7C898C

8A8C8C

988E8C

Harmonies

Analogous

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



257C77



1A7A8C



387699

Triad

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



1A7A8C



92607E



767143

Complementary

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



1A7A8C



8C2C1A

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.



8A6946



1A7A8C



9B5E68

Square

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



1A7A8C



7D6791



986253



5E774D

Rectangle

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



1A7A8C



51719C



986253



7E6E43

Sweetspot

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



1A7A8C



8AAEB5



1A8C2B



41585C



DBDBDB



5C5C5C

Same Dimension

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



1A7A8C



0499B5



1A428C



3E4445



007085



000405

Inverse Universe

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



8C1A7A



B50499



8C641A



453E44



850070



050004

Previews

White Background



This preview shows how the Hex color 1A7A8C looks on a white background.

Color Contrast Check

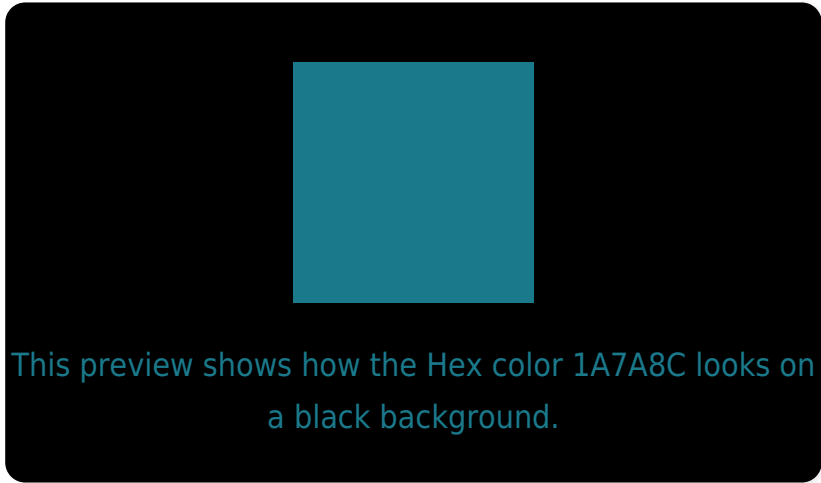
Large Text (above 18pt) WCAG AA ✓ Pass

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

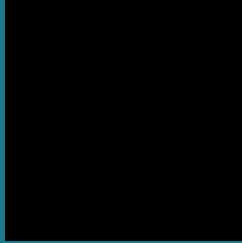
Any Text WCAG AA × Fail

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 1A7A8C Background



This preview shows how black text looks on a background with the Hex color 1A7A8C.

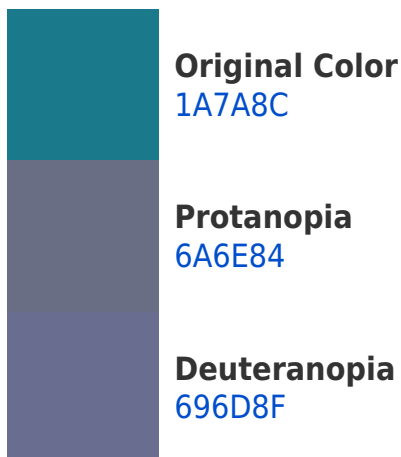


This preview shows how white text looks on a background with the Hex color 1A7A8C.

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
117B85

Trichromacy



Original Color
1A7A8C

Protanomaly
4D7287

Deuteranomaly
4C728E

Tritanomaly
147B88

Monochromacy



Original Color
1A7A8C

Achromatopsia
5F5F5F

Achromatomaly
46696F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A7A8C 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 #1A7A8C looks like.

```
.text, #text, p{  
    color:#1A7A8C  
}
```

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 #1A7A8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A7A8C
}
```

Border

The CSS property to change the border of an element to Hex 1A7A8C 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
#1A7A8C }
```

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

```
.border{ border-color:#1A7A8C }
```

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

Here you see how a box with a 4 pixel #1A7A8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A7A8C; -webkit-box-shadow:4px 4px  
4px 4px #1A7A8C; box-shadow:4px 4px 4px  
4px #1A7A8C }
```

Background

The CSS property to change the background color of an element to Hex 1A7A8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A7A8C }
```

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

```
.background{ background-color:#1A7A8C }
```

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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