

Converting Colors

Hex(1A7A9B)

Have a look what the booklet for
Hex(1A7A9B) contains.

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Color

Hex(1A7A9B)

Conversions

Conversions Part 1

Format	Color
Hex	1A7A9B
RGB	26, 122, 155
RGB Percent	10%, 48%, 61%
CMY	0.8980, 0.5216, 0.3922
CMYK	0.83, 0.21, 0.00, 0.39
HSL	195°, 71%, 35%
HSV	195°, 83%, 61%
XYZ	13.3019, 16.5052, 33.4951
YIQ	97.0580, -67.8090, -10.0890

Conversions

Conversions Part 2

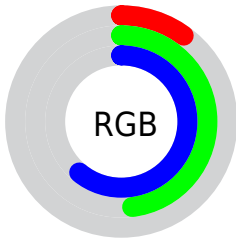
Format	Color
R_{YB}	26, 81, 155
Decimal	1735323
CIE _{Lab}	47.63, -14.67, -25.30
CIE _{LCh}	48, 29.251, 239.888
Yxy	16.5052, 0.2101, 0.2607
Android (android.graphics.Color)	4279925403 (0xFF1A7A9B)
YUV	97.0580, 28.5654, -62.3179
Hunter-Lab	40.6266, -12.6523, -20.4437

Details

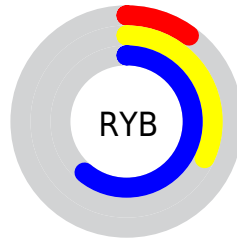
The Hex color **1A7A9B** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9B3B1A**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **5EAED2**, and **004968** is the 20% darker color. If you saturate the color by 10%, you get **0A769B**, and if you desaturate by 10%, it is **297E9B**.

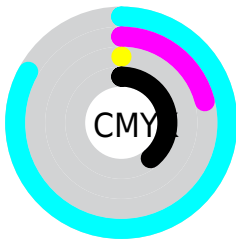
Distribution



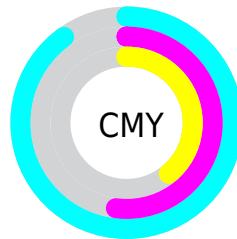
- Red (10%)
- Green (48%)
- Blue (61%)



- Red (10%)
- Yellow (32%)
- Blue (61%)



- Cyan (83%)
- Magenta (21%)
- Yellow (0%)
- Black (39%)



- Cyan (90%)
- Magenta (52%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A7A9B 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 1A7A9B by changing the saturation by 10% instead.

■ 1A7A9B

■ 1A7A9B

FFFFFF

■ 006181

■ 5EAED2

■ 004968

■ 7BCAEE

■ 00334F

■ 98E6FF

■ 001E38

■ B5FFFF

■ 000223

■ D3FFFF

■ 00000A

■ F0FFFF

■ 000000

■ 1A7A9B

■ 1A7A9B

■ 0A769B

■ 297E9B

00739B

39829B

48869B

588A9B

678E9B

77929B

86969B

969A9B

A59E9B

Harmonies

Analogous

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



007D89



1A7A9B



4C73A2

Triad

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



1A7A9B



9F5E72



687745

Complementary

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



1A7A9B



9B3B1A

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.



816F3F



1A7A9B



A0605A

Square

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



1A7A9B



90628A



956747



4A7C57

Rectangle

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



1A7A9B



676E9F



956747



717542

Sweetspot

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



1A7A9B



97BDC9



1A9B3A



475E66



E6E6E6



666666

Same Dimension

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



1A7A9B



0096C9



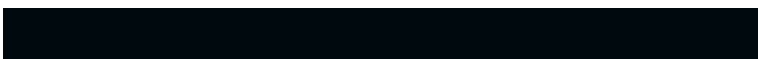
1A3A9B



454B4D



00688C



00090D

Inverse Universe

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



9B1A7A



C90096



9B7B1A



4D454B



8C0068



0D0009

Previews

White Background



This preview shows how the Hex color 1A7A9B looks on a white background.

Color Contrast Check

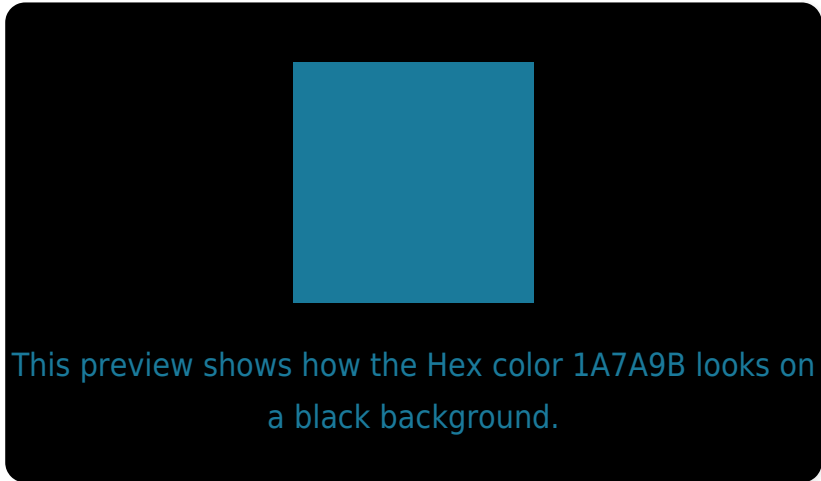
Large Text (above 18pt) WCAG AA ✓ Pass

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

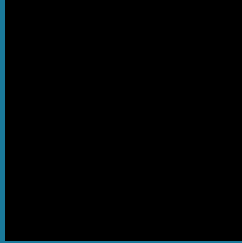
Any Text WCAG AA × Fail

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 1A7A9B Background



This preview shows how black text looks on a background with the Hex color 1A7A9B.

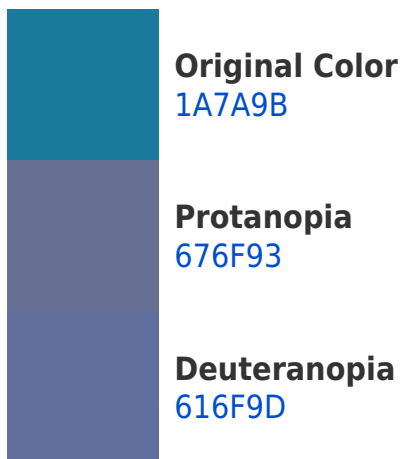


This preview shows how white text looks on a background with the Hex color 1A7A9B.

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](#).

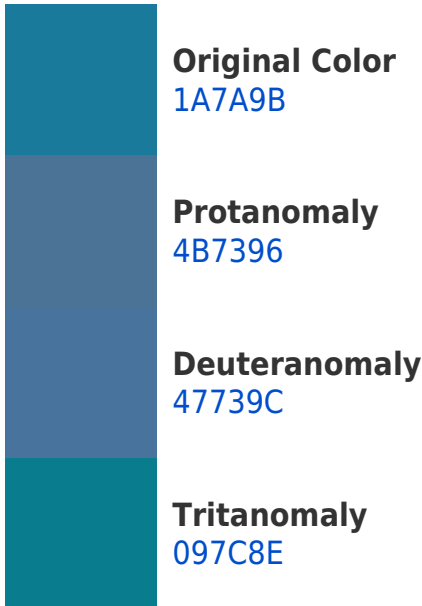
Dichromacy



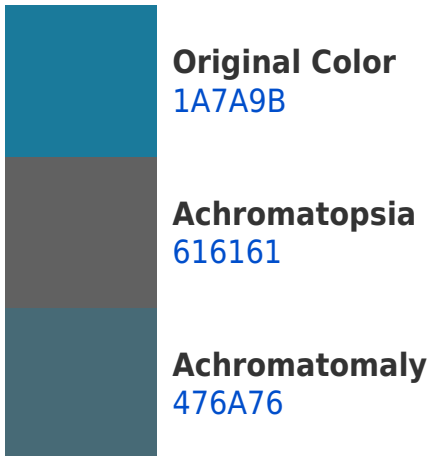


Tritanopia
007D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1A7A9B 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 #1A7A9B looks like.

```
.text, #text, p{  
    color:#1A7A9B  
}
```

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 #1A7A9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A7A9B
}
```

Border

The CSS property to change the border of an element to Hex 1A7A9B 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
#1A7A9B }
```

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

```
.border{ border-color:#1A7A9B }
```

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

Here you see how a box with a 4 pixel #1A7A9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A7A9B; -webkit-box-shadow:4px 4px  
4px 4px #1A7A9B; box-shadow:4px 4px 4px  
4px #1A7A9B }
```

Background

The CSS property to change the background color of an element to Hex 1A7A9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A7A9B }
```

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

```
.background{ background-color:#1A7A9B }
```

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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