

Converting Colors

Hex(1A7981)

Have a look what the booklet for
Hex(1A7981) contains.

Hex(1A7981)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1A7981)

Conversions

Conversions Part 1

Format	Color
Hex	1A7981
RGB	26, 121, 129
RGB Percent	10%, 47%, 51%
CMY	0.8980, 0.5255, 0.4941
CMYK	0.80, 0.06, 0.00, 0.49
HSL	185°, 66%, 30%
HSV	185°, 80%, 51%
XYZ	11.2258, 15.4793, 23.1650
YIQ	93.5070, -59.1880, -17.6520

Conversions

Conversions Part 2

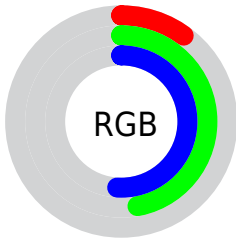
Format	Color
R_{YB}	26, 75, 129
Decimal	1735041
CIE _{Lab}	46.28, -23.15, -12.01
CIE _{LCh}	46, 26.077, 207.422
Yxy	15.4793, 0.2251, 0.3104
Android (android.graphics.Color)	4279925121 (0xFF1A7981)
YUV	93.5070, 17.4980, -59.2036
Hunter-Lab	39.3438, -17.9209, -7.3684

Details

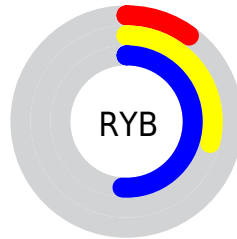
The Hex color **1A7981** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **81221A**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **5AAEB6**, and **004850** is the 20% darker color. If you saturate the color by 10%, you get **0D7881**, and if you desaturate by 10%, it is **277A81**.

Distribution



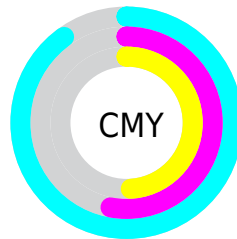
- Red (10%)
- Green (47%)
- Blue (51%)



- Red (10%)
- Yellow (29%)
- Blue (51%)



- Cyan (80%)
- Magenta (6%)
- Yellow (0%)
- Black (49%)



- Cyan (90%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A7981 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 1A7981 by changing the saturation by 10% instead.

 1A7981

 1A7981

FFFFFF

 006068

 5AAEB6

 004850

 76C9D1

 003139

 92E5EE

 001E23

 AFFFFFF

 00010D

 CCFFFF

 000000

 E9FFFF

 1A7981

 1A7981

 0D7881

 277A81

■ 007781

■ 347B81

■ 417C81

■ 4E7D81

■ 5A7E81

■ 677F81

■ 748081

■ 818181

■ 8E8281

Harmonies

Analogous

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



32796B



1A7981



287692

Triad

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



1A7981



886185



7E6C42

Complementary

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



1A7981



81221A

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.



8F644A



1A7981



965D70

Square

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



1A7981



6E6994



985E5B



687246

Rectangle

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



1A7981



3F7398



985E5B



846943

Sweetspot

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



1A7981



80A5A8



1A8121



3C5254



D4D4D4



545454

Same Dimension

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



1A7981



079CA8



1A4781



393F40



007680



000000

Inverse Universe

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



811A79



A8079C



81541A



40393F



800076



000000

Previews

White Background



This preview shows how the Hex color 1A7981 looks on a white background.

Color Contrast Check

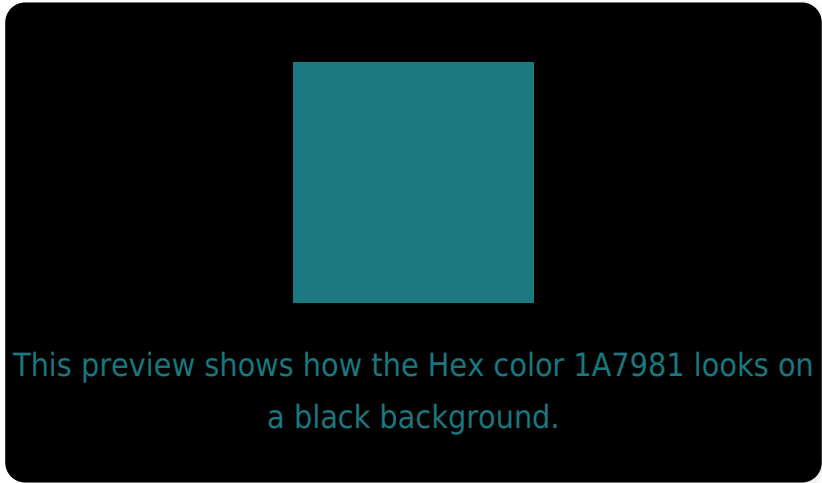
Large Text (above 18pt) WCAG AA ✓ Pass

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

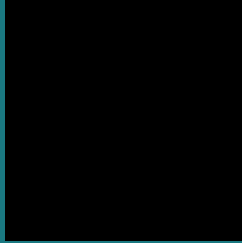
Any Text WCAG AA × Fail

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 1A7981 Background



This preview shows how black text looks on a background with the Hex color 1A7981.



This preview shows how white text looks on a background with the Hex color 1A7981.

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



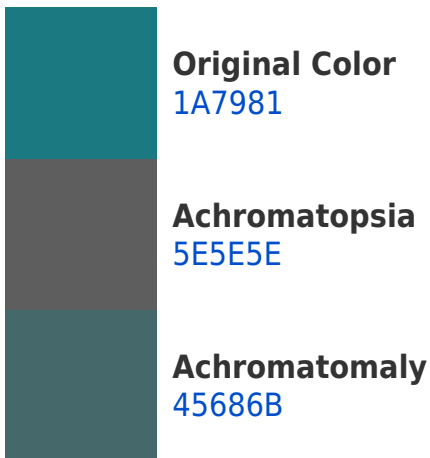


Tritanopia
1C7983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1A7981 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 #1A7981 looks like.

```
.text, #text, p{  
    color:#1A7981  
}
```

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 #1A7981 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A7981
}
```

Border

The CSS property to change the border of an element to Hex 1A7981 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
#1A7981 }
```

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

```
.border{ border-color:#1A7981 }
```

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

Here you see how a box with a 4 pixel #1A7981 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A7981; -webkit-box-shadow:4px 4px  
4px 4px #1A7981; box-shadow:4px 4px 4px  
4px #1A7981 }
```

Background

The CSS property to change the background color of an element to Hex 1A7981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A7981 }
```

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

```
.background{ background-color:#1A7981 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor