

# Converting Colors

Hex(1A989D)

Have a look what the booklet for  
Hex(1A989D) contains.

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# Color

**Hex(1A989D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1A989D
RGB	26, 152, 157
RGB Percent	10%, 60%, 62%
CMY	0.8980, 0.4039, 0.3843
CMYK	0.83, 0.03, 0.00, 0.38
HSL	182°, 72%, 36%
HSV	182°, 83%, 62%
XYZ	17.7400, 25.1104, 35.8101
YIQ	114.8960, -76.7010, -25.1570

# Conversions

## Conversions Part 2

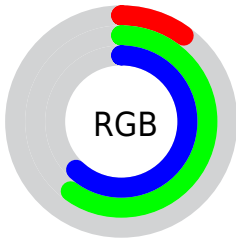
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 90, 157
Decimal	1743005
CIE <sub>Lab</sub>	57.18, -29.70, -11.88
CIE <sub>LCh</sub>	57, 31.987, 201.794
Yxy	25.1104, 0.2255, 0.3192
Android (android.graphics.Color)	4279933085 (0xFF1A989D)
YUV	114.8960, 20.7573, -77.9618
Hunter-Lab	50.1103, -24.5004, -7.2929

# Details

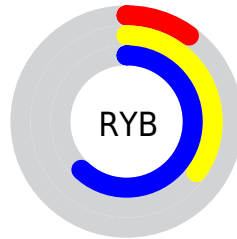
The Hex color **1A989D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9D1F1A**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **62CFD4**, and **00646A** is the 20% darker color. If you saturate the color by 10%, you get **0A979D**, and if you desaturate by 10%, it is **2A999D**.

# Distribution



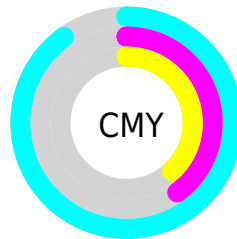
- Red (10%)
- Green (60%)
- Blue (62%)



- Red (10%)
- Yellow (35%)
- Blue (62%)



- Cyan (83%)
- Magenta (3%)
- Yellow (0%)
- Black (38%)



- Cyan (90%)
- Magenta (40%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A989D 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 1A989D by changing the saturation by 10% instead.



 1A989D

 1A989D

FFFFFF

 007E83

 62CFD4

 00646A

 80EBF0

 004C52

 9EFFFF

 00353B


 BBFFFF

 002125

 D9FFFF

 000110

 F7FFFF

 000000

 1A989D

 1A989D

 0A979D

 2A999D

00979D

39999D

499A9D

599A9D

699B9D

789C9D

889C9D

989D9D

A79D9D

# Harmonies

## Analogous

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



429880



1A989D



2295B4

# Triad

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



1A989D



A57BAC



A38552

# Complementary

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



1A989D



9D1F1A

# 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.



B77B5E



1A989D



BA7492

# Square

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



1A989D



8185BD



C07576



878E55

# Rectangle

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



1A989D



4391BE



C07576



AA8255



# Sweetspot

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



1A989D



99CACC



1A9D1E



476566



E6E6E6



666666

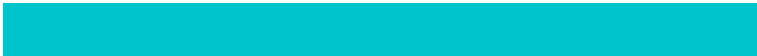


# Same Dimension

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



1A989D



00C4CC



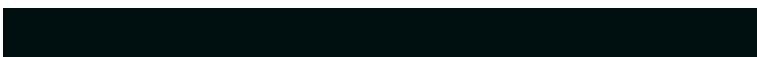
1A579D



474F4F



00898F



000F0F



# Inverse Universe

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



9D1A98



CC00C4



9D601A



4F474F



8F0089



0F000F



# Previews

## White Background



This preview shows how the Hex color 1A989D looks on a white background.

## Color Contrast Check

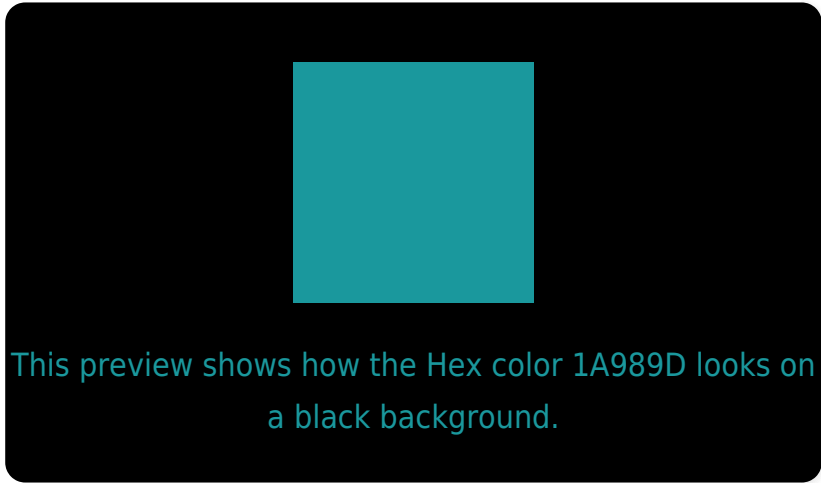
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

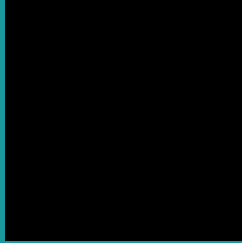
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1A989D Background



This preview shows how black text looks on a background with the Hex color 1A989D.

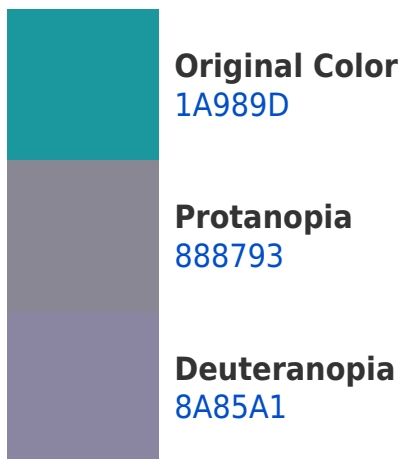


This preview shows how white text looks on a background with the Hex color 1A989D.

# 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**  
2197A3

# Trichromacy



**Original Color**  
1A989D



**Protanomaly**  
608D97



**Deuteranomaly**  
618CA0



**Tritanomaly**  
1E97A1

# Monochromacy



**Original Color**  
1A989D



**Achromatopsia**  
737373



**Achromatomaly**  
538082

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A989D 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 #1A989D looks like.

```
.text, #text, p{  
    color:#1A989D  
}
```

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 #1A989D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A989D
}
```

## Border

The CSS property to change the border of an element to Hex 1A989D 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
#1A989D }
```

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

```
.border{ border-color:#1A989D }
```

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

Here you see how a box with a 4 pixel #1A989D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A989D; -webkit-box-shadow:4px 4px  
4px 4px #1A989D; box-shadow:4px 4px 4px  
4px #1A989D }
```

# Background

The CSS property to change the background color of an element to Hex 1A989D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A989D }
```

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

```
.background{ background-color:#1A989D }
```

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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