

# Converting Colors

Hex(11A99B)

Have a look what the booklet for  
Hex(11A99B) contains.

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# Color

Hex(11A99B)

# Conversions

## Conversions Part 1

Format	Color
Hex	11A99B
RGB	17, 169, 155
RGB Percent	7%, 66%, 61%
CMY	0.9333, 0.3373, 0.3922
CMYK	0.90, 0.00, 0.08, 0.34
HSL	174°, 82%, 36%
HSV	174°, 90%, 66%
XYZ	20.3355, 30.8617, 35.8954
YIQ	121.9560, -86.0980, -36.5780

# Conversions

## Conversions Part 2

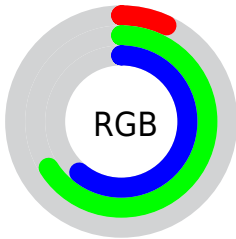
Format	Color
<a href="#">RYB</a>	<a href="#">17, 97, 169</a>
Decimal	<a href="#">1157531</a>
CIELab	<a href="#">62.39, -38.84, -3.01</a>
CIElCh	<a href="#">62, 38.958, 184.425</a>
Yxy	<a href="#">30.8617, 0.2335, 0.3544</a>
Android (android.graphics.Color)	<a href="#">4279347611</a> (0xFF11A99B)
YUV	<a href="#">121.9560, 16.2907, -92.0464</a>
Hunter-Lab	<a href="#">55.5533, -31.8775, 0.5774</a>

# Details

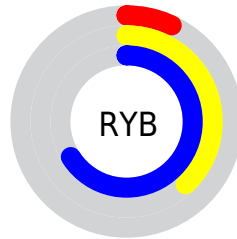
The Hex color **11A99B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A9111F**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **62E1D1**, and **007468** is the 20% darker color. If you saturate the color by 10%, you get **00A999**, and if you desaturate by 10%, it is **22A99D**.

# Distribution



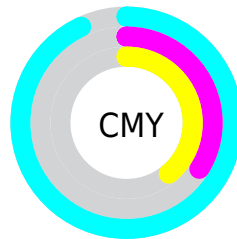
- Red (7%)
- Green (66%)
- Blue (61%)



- Red (7%)
- Yellow (38%)
- Blue (66%)



- Cyan (90%)
- Magenta (0%)
- Yellow (8%)
- Black (34%)



- Cyan (93%)
- Magenta (34%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 11A99B 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 11A99B by changing the saturation by 10% instead.



■ 11A99B

FFFFFF

■ 62E1D1

■ 81FEEE

■ 9FFFFFF

■ BDFFFF

■ DBFFFF

■ F9FFFF

■ 11A99B

■ 00A999

■ 11A99B

■ 008E81

■ 007468

■ 005B50

■ 004239

■ 002C24

■ 00100F

■ 000000

■ 11A99B

■ 22A99D

 33A99E

 44A9A0

 55A9A1

 66A9A3

 76A9A4

 87A9A6

 98A9A7

 A9A9A9

# Harmonies

## Analogous

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



58A678



11A99B



00A8BD

# Triad

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



11A99B



A18CD0



C58A59

# Complementary

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



11A99B



A9111F

# 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.



D67F72



11A99B



C680B5

# Square

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



11A99B



6A99DB



D87B93



A89751

# Rectangle

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



11A99B



00A5CE



D87B93



CC8660



# Sweetspot

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



11A99B



A0DBD6



20A911



4B6E6A



EDEDED



6E6E6E



# Same Dimension

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



11A99B



00DBC7



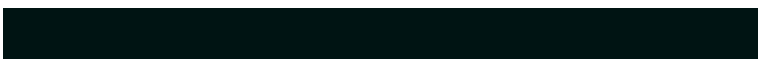
116CA9



4C5453



009486



001413



# Inverse Universe

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



A9111F



DB0014



A94E11



544C4D



94000E



140002



# Previews

## White Background



This preview shows how the Hex color 11A99B looks on a white background.

## Color Contrast Check

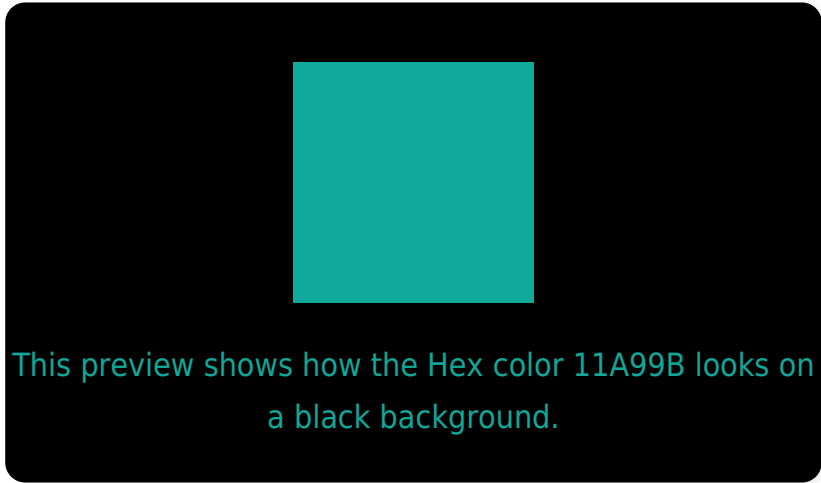
Large Text (above 18pt) WCAG AA × Fail

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

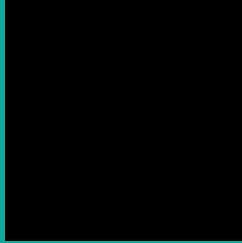
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 11A99B Background



This preview shows how black text looks on a background with the Hex color 11A99B.

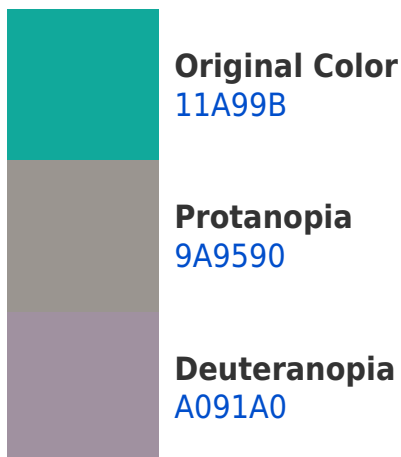


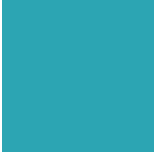
This preview shows how white text looks on a background with the Hex color 11A99B.

# 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](#).

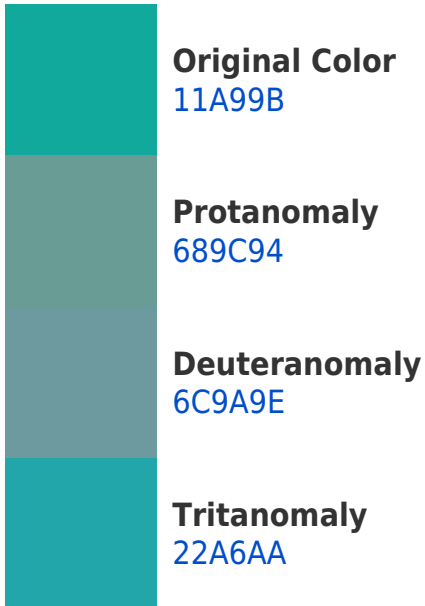
## Dichromacy



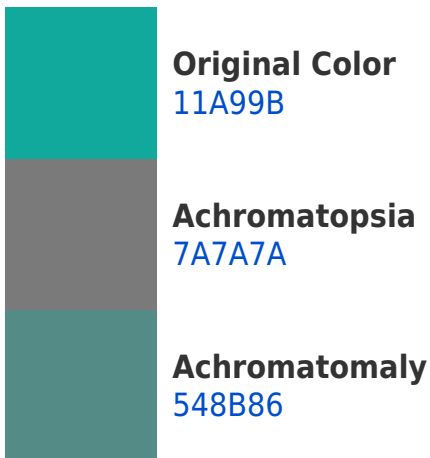


**Tritanopia**  
2CA5B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 11A99B 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 #11A99B looks like.

```
.text, #text, p{  
    color:#11A99B  
}
```

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 #11A99B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11A99B
}
```

## Border

The CSS property to change the border of an element to Hex 11A99B 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
#11A99B }
```

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

```
.border{ border-color:#11A99B }
```

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

Here you see how a box with a 4 pixel #11A99B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11A99B; -webkit-box-shadow:4px 4px  
4px 4px #11A99B; box-shadow:4px 4px 4px  
4px #11A99B }
```

# Background

The CSS property to change the background color of an element to Hex 11A99B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11A99B }
```

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

```
.background{ background-color:#11A99B }
```

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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