

# Converting Colors

Hex(99AB7A)

Have a look what the booklet for  
Hex(99AB7A) contains.

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# **Color**

**Hex(99AB7A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99AB7A
RGB	153, 171, 122
RGB Percent	60%, 67%, 48%
CMY	0.4000, 0.3294, 0.5216
CMYK	0.11, 0.00, 0.29, 0.33
HSL	82°, 23%, 57%
HSV	82°, 29%, 67%
XYZ	31.2126, 37.3033, 23.9675
YIQ	160.0320, 5.0010, -19.0550

# Conversions

## Conversions Part 2

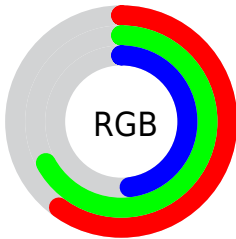
Format	Color
<a href="#">RYB</a>	122, 171, 140
Decimal	10070906
CIELab	67.50, -14.97, 23.21
CIELCh	68, 27.623, 122.820
Yxy	37.3033, 0.3375, 0.4034
Android (android.graphics.Color)	4288260986 (0xFF99AB7A)
YUV	160.0320, -18.7498, -6.1671
Hunter-Lab	61.0764, -15.6626, 19.4870

# Details

The Hex color **99AB7A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8C7AAB**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **D0E2AF**, and **657749** is the 20% darker color. If you saturate the color by 10%, you get **93AB69**, and if you desaturate by 10%, it is **9FAB8B**.

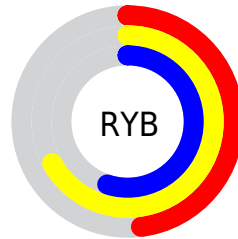
# Distribution



Red (60%)

Green (67%)

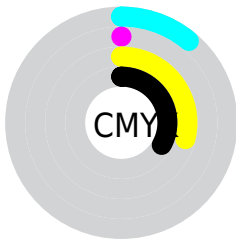
Blue (48%)



Red (48%)

Yellow (67%)

Blue (55%)

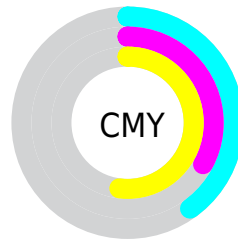


Cyan (11%)

Magenta (0%)

Yellow (29%)

Black (33%)



Cyan (40%)

Magenta (33%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99AB7A 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 99AB7A by changing the saturation by 10% instead.





99AB7A



99AB7A

FFFFFF



7F9061



D0E2AF



657749



ECFFCA



4D5E32



FFFFE6



35461C



1F3004



031C00



000000



99AB7A



99AB7A



93AB69



9FAB8B

 8CAB58

 A6AB9C

 86AB47

 ACABAD

 80AB36

 B2ABBE

 7AAB25

 B8ABCF

 73AB13

 BFABE1

 6DAB02

 C5ABF2

 6CAB00

 CBABFF

 D2ABFF

# Harmonies

## Analogous

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



B4A473



99AB7A



7CB08D

# Triad

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



99AB7A



66ADD0



D592A3

# Complementary

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



99AB7A



8C7AAB

# 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.



C695BC



99AB7A



88A6D6

# Square

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



99AB7A



57B1BE



AB9DCE



D5948B

# Rectangle

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



99AB7A



6AB29D



AB9DCE



D293AB



# Sweetspot

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



99AB7A



D7DECA



AB8C7A



6C7064



F0F0F0



707070



# Same Dimension

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



99AB7A



C2DE92



81AB7A



54574E



5F9600



0F1700



# Inverse Universe

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



8C7AAB



AE92DE



A47AAB



514E57



370096



080017



# Previews

## White Background



This preview shows how the Hex color 99AB7A looks on a white background.

## Color Contrast Check

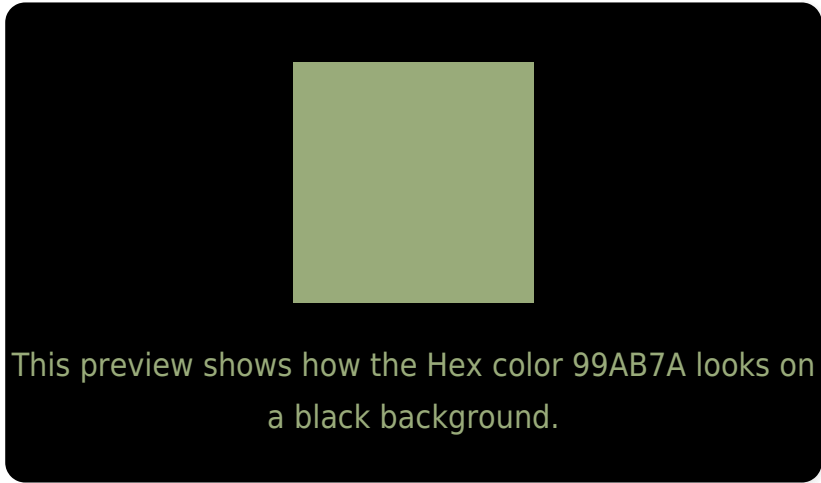
Large Text (above 18pt) WCAG AA × Fail

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

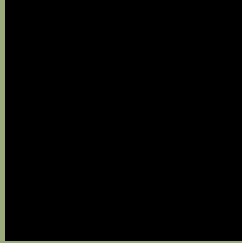
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 99AB7A Background



This preview shows how black text looks on a background with the Hex color 99AB7A.

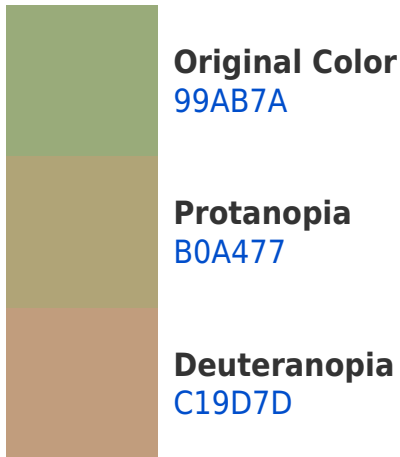


This preview shows how white text looks on a background with the Hex color 99AB7A.

# 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](#).

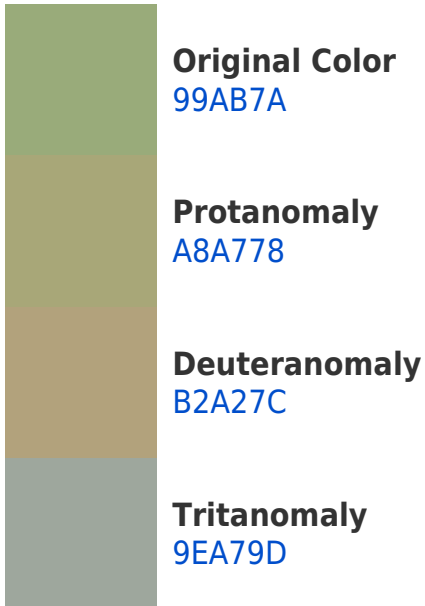
## Dichromacy





**Tritanopia**  
A1A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99AB7A 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 #99AB7A looks like.

```
.text, #text, p{  
    color:#99AB7A  
}
```

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 #99AB7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99AB7A
}
```

## Border

The CSS property to change the border of an element to Hex 99AB7A 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
#99AB7A }
```

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

```
.border{ border-color:#99AB7A }
```

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

Here you see how a box with a 4 pixel #99AB7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99AB7A; -webkit-box-shadow:4px 4px  
4px 4px #99AB7A; box-shadow:4px 4px 4px  
4px #99AB7A }
```

# Background

The CSS property to change the background color of an element to Hex 99AB7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99AB7A }
```

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

```
.background{ background-color:#99AB7A }
```

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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