

# Converting Colors

Hex(99AEAA)

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

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# **Color**

**Hex(99AEAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99AEAA
RGB	153, 174, 170
RGB Percent	60%, 68%, 67%
CMY	0.4000, 0.3176, 0.3333
CMYK	0.12, 0.00, 0.02, 0.32
HSL	169°, 11%, 64%
HSV	169°, 12%, 68%
XYZ	35.5286, 39.9467, 43.8681
YIQ	167.2650, -11.2320, -5.6960

# Conversions

## Conversions Part 2

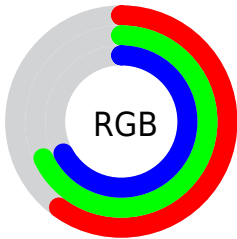
Format	Color
<a href="#">RYB</a>	<a href="#">153, 165, 174</a>
Decimal	<a href="#">10071722</a>
CIELab	<a href="#">69.43, -8.06, -0.42</a>
CIElCh	<a href="#">69, 8.073, 182.981</a>
Yxy	<a href="#">39.9467, 0.2977, 0.3347</a>
Android (android.graphics.Color)	<a href="#">4288261802 (0xFF99AEAA)</a>
YUV	<a href="#">167.2650, 1.3484, -12.5104</a>
Hunter-Lab	<a href="#">63.2034, -10.2655, 3.0904</a>

# Details

The Hex color **99AEAA** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AE999D**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **CFE5E1**, and **667A76** is the 20% darker color. If you saturate the color by 10%, you get **88AEA7**, and if you desaturate by 10%, it is **AAAEAD**.

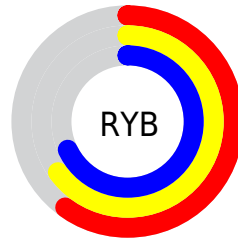
# Distribution



Red (60%)

Green (68%)

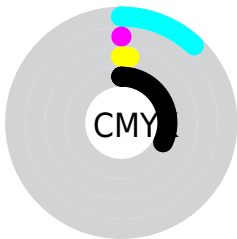
Blue (67%)



Red (60%)

Yellow (65%)

Blue (68%)

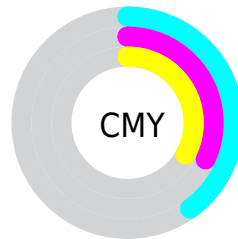


Cyan (12%)

Magenta (0%)

Yellow (2%)

Black (32%)



Cyan (40%)

Magenta (32%)

Yellow (33%)

# Brightness & Saturation Gradients

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



 99AEAA

 99AEAA

FFFFFF

 7F9390

 CFE5E1

 667A76

 ECFFFE

 4E615D

 374946

 21322F

 0C1D1B

 000000

 99AEAA

 99AEAA

 88AEA7

 AAAEAD

 76AEA3

 BCAEB1

 65AEA0

 CDAEB4

 53AE9D

 DFAEB7

 42AE99

 F0AEBB

 31AE96

 FFAEBE

 1FAE93

 FFAEC1

 0EAE8F

 FFAEC5

 00AE8D

 FFAEC8

# Harmonies

## Analogous

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



9FADA3



99AEAA



98AEB1

# Triad

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



99AEAA



ACA7B6



B6A79D

# Complementary

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



99AEAA



AE999D

# 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.



B9A5A2



99AEAA



B4A6B0

# Square

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



99AEAA



A3AAB8



B9A5A9



AFA99B

# Rectangle

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



99AEAA



9AADB5



B9A5A9



B7A69E



# Sweetspot

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



99AEAA



DAE3E1



9DAE99



6D7372



F2F2F2



737373



# Same Dimension

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



99AEAA



C3E3DD



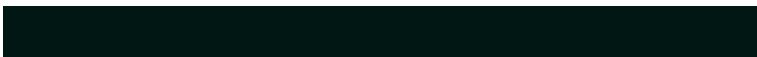
99A8AE



4E5755



00967A



001713



# Inverse Universe

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



AE999D



E3C3C9



AE9F99



574E50



96001D

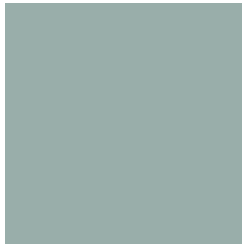


170004



# Previews

## White Background



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

## Color Contrast Check

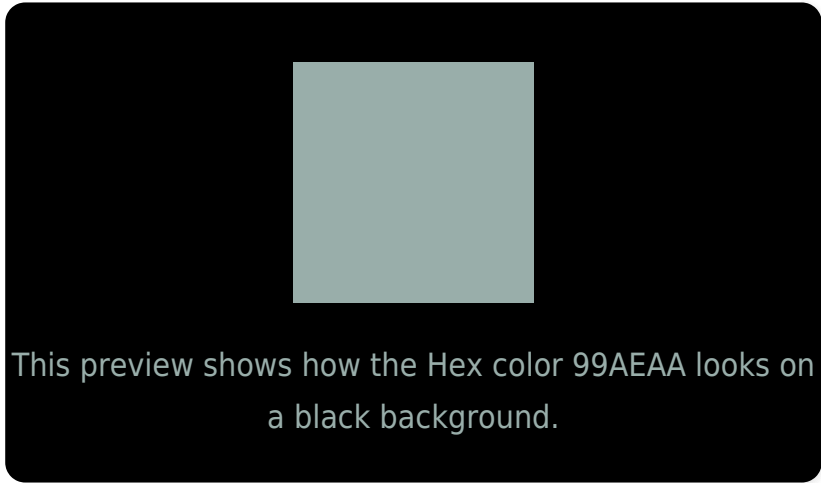
Large Text (above 18pt) WCAG AA × Fail

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

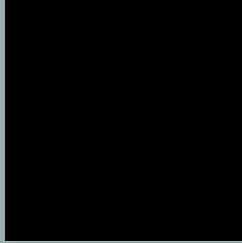
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

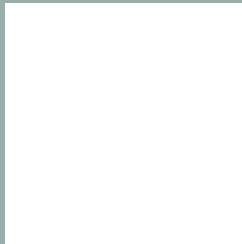
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 99AEAA Background



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

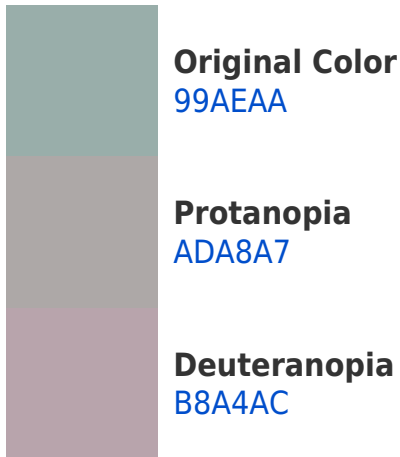


This preview shows how white text looks on a background with the Hex color 99AEAA.

# 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**  
9CACB9

# Trichromacy



**Original Color**  
99AEAA

**Protanomaly**  
A6AAA8

**Deuteranomaly**  
ADA8AB

**Tritanomaly**  
9BADB4

# Monochromacy



**Original Color**  
99AEAA

**Achromatopsia**  
A7A7A7

**Achromatomaly**  
A2AAA8

# CSS Examples

## Text

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

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

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 #99AEAA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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