

Converting Colors

Hex(9AAA99)

Have a look what the booklet for
Hex(9AAA99) contains.

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Color

Hex(9AAA99)

Conversions

Conversions Part 1

Format	Color
Hex	9AAA99
RGB	154, 170, 153
RGB Percent	60%, 67%, 60%
CMY	0.3961, 0.3333, 0.4000
CMYK	0.09, 0.00, 0.10, 0.33
HSL	116°, 9%, 63%
HSV	116°, 10%, 67%
XYZ	33.4509, 37.9194, 35.6931
YIQ	163.2780, -4.0790, -8.6790

Conversions

Conversions Part 2

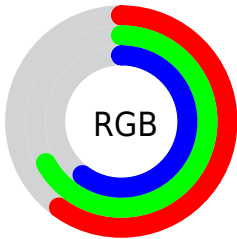
Format	Color
RYB	153, 170, 169
Decimal	10136217
CIELab	67.96, -8.89, 6.86
CIElCh	68, 11.225, 142.340
Yxy	37.9194, 0.3124, 0.3542
Android (android.graphics.Color)	4288326297 (0xFF9AAA99)
YUV	163.2780, -5.0671, -8.1368
Hunter-Lab	61.5787, -10.7976, 8.7386

Details

The Hex color **9AAA99** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A999AA**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **D0E1CF**, and **677666** is the 20% darker color. If you saturate the color by 10%, you get **8AAA88**, and if you desaturate by 10%, it is **AAAAAA**.

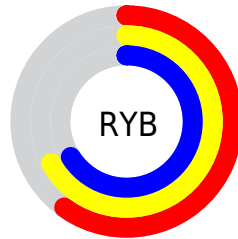
Distribution



Red (60%)

Green (67%)

Blue (60%)



Red (60%)

Yellow (67%)

Blue (66%)

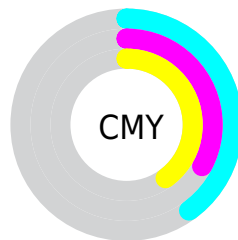


Cyan (9%)

Magenta (0%)

Yellow (10%)

Black (33%)



Cyan (40%)

Magenta (33%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AAA99 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 9AAA99 by changing the saturation by 10% instead.



9AAA99



9AAA99

FFFFFF



80907F



D0E1CF



677666



EDFEEC



4F5D4E



384637



222F22



0D1B0C



000000



9AAA99



9AAA99



8AAA88



AAAAAA

 7AAA77

 BAAABB

 6AAA66

 CAAACC

 5AAA55

 DAAADD

 4AAA44

 EAAAE E

 3AAA33

 FAAAA F

 2AAA22

 FFAAFF

 1AAA11

 0AAA00

Harmonies

Analogous

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



A6A793



9AAA99



91ACA3

Triad

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



9AAA99



98A7B9



BC9F9E

Complementary

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



9AAA99



A999AA

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.



B99FA9



9AAA99



A4A4B8

Square

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



9AAA99



8FAAB5



B0A1B2



B9A196

Rectangle

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



9AAA99



8DACAA



B0A1B2



BB9FA2

Sweetspot

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



9AAA99



D8DED7



AAA999



6C706C



F0F0F0



707070

Same Dimension

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



9AAA99



C5DEC3



99AAA0



4C544C



099400



011400

Inverse Universe

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



A999AA



DCC3DE



AA99A3



544C54



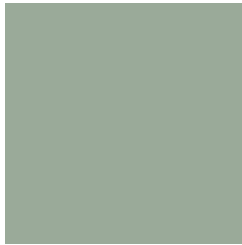
8B0094



130014

Previews

White Background



This preview shows how the Hex color 9AAA99 looks on a white background.

Color Contrast Check

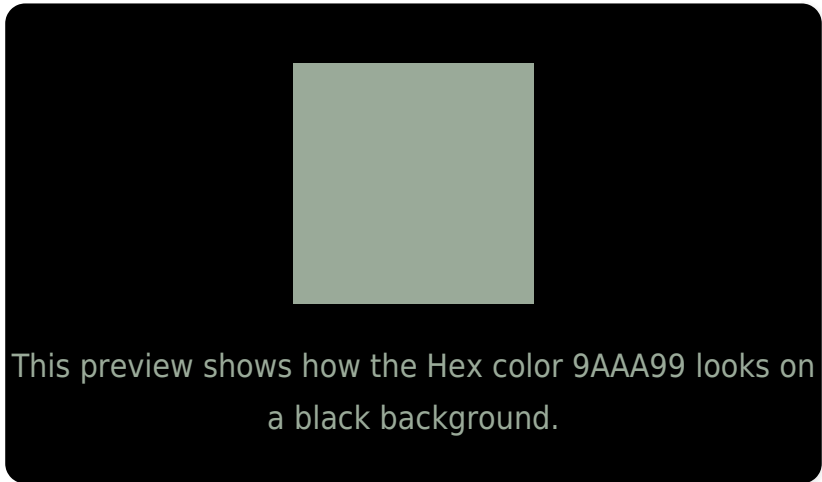
Large Text (above 18pt) WCAG AA × Fail

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

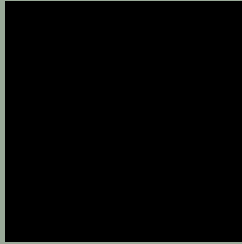
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

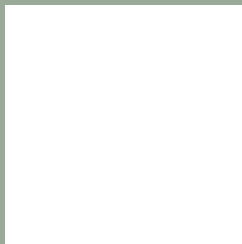
Any Text WCAG AAA ✓ Pass

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

Hex 9AAA99 Background



This preview shows how black text looks on a background with the Hex color 9AAA99.

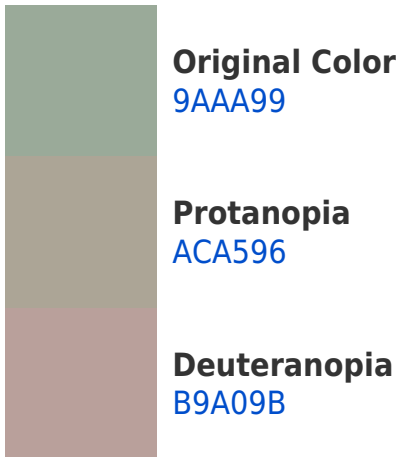


This preview shows how white text looks on a background with the Hex color 9AAA99.

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](#).

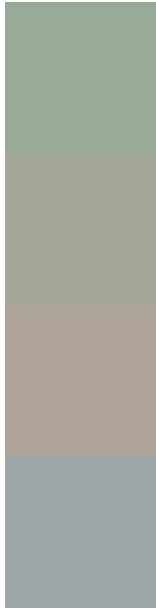
Dichromacy





Tritanopia
9EA6B3

Trichromacy



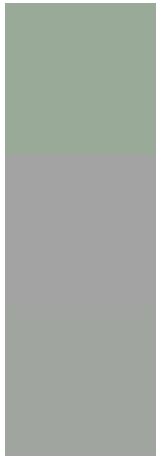
Original Color
9AAA99

Protanomaly
A5A797

Deuteranomaly
AEA49A

Tritanomaly
9DA7AA

Monochromacy



Original Color
9AAA99

Achromatopsia
A3A3A3

Achromatomaly
A0A69F

CSS Examples

Text

The CSS property to change the color of the text to Hex 9AAA99 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 #9AAA99 looks like.

```
.text, #text, p{  
    color:#9AAA99  
}
```

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 #9AAA99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AAA99  
}
```

Border

The CSS property to change the border of an element to Hex 9AAA99 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  
#9AAA99 }
```

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

```
.border{ border-color:#9AAA99 }
```

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

Here you see how a box with a 4 pixel #9AAA99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AAA99; -webkit-box-shadow:4px 4px  
4px 4px #9AAA99; box-shadow:4px 4px 4px  
4px #9AAA99 }
```

Background

The CSS property to change the background color of an element to Hex 9AAA99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AAA99 }
```

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

```
.background{ background-color:#9AAA99 }
```

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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