

Converting Colors

Hex(9AAC80)

Have a look what the booklet for
Hex(9AAC80) contains.

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Color

Hex(9AAC80)

Conversions

Conversions Part 1

Format	Color
Hex	9AAC80
RGB	154, 172, 128
RGB Percent	60%, 67%, 50%
CMY	0.3961, 0.3255, 0.4980
CMYK	0.10, 0.00, 0.26, 0.33
HSL	85°, 21%, 59%
HSV	85°, 26%, 67%
XYZ	31.9752, 37.9336, 26.0587
YIQ	161.6020, 3.3960, -17.5000

Conversions

Conversions Part 2

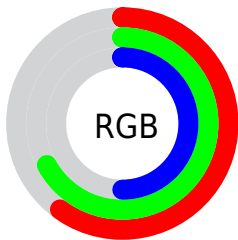
Format	Color
RYB	128, 172, 146
Decimal	10136704
CIELab	67.97, -14.20, 20.61
CIELCh	68, 25.025, 124.574
Yxy	37.9336, 0.3332, 0.3953
Android (android.graphics.Color)	4288326784 (0xFF9AAC80)
YUV	161.6020, -16.5658, -6.6670
Hunter-Lab	61.5902, -15.1128, 18.0277

Details

The Hex color **9AAC80** is a light color, and the websafe version is hex **999966**. A complement of this color would be **9280AC**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **D1E3B5**, and **66784E** is the 20% darker color. If you saturate the color by 10%, you get **93AC6F**, and if you desaturate by 10%, it is **A1AC91**.

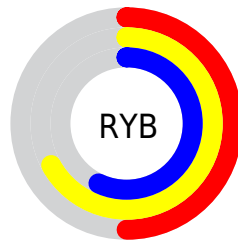
Distribution



Red (60%)

Green (67%)

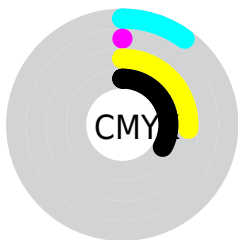
Blue (50%)



Red (50%)

Yellow (67%)

Blue (57%)

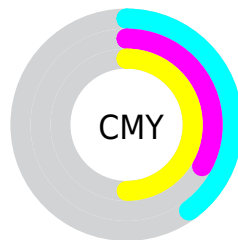


Cyan (10%)

Magenta (0%)

Yellow (26%)

Black (33%)



Cyan (40%)

Magenta (33%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AAC80 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 9AAC80 by changing the saturation by 10% instead.

 9AAC80

 9AAC80

FFFFFF

 809167

 D1E3B5

 66784E

 EDFFD1


 4E5F37

 FFFFED

 374721

 20310C

 081C00

 000000

 9AAC80

 9AAC80

 93AC6F

 A1AC91

 8CAC5E

 A8ACA2

 85AC4C

 AFACB4

 7EAC3B

 B6ACC5

 77AC2A

 BDACD6

 70AC19

 C4ACE7

 69AC08

 CBACF8

 66AC00

 D2ACFF

 D9ACFF

Harmonies

Analogous

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



B3A579



9AAC80



80B192

Triad

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



9AAC80



71ADCE



D295A3

Complementary

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



9AAC80



9280AC

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.



C698B9



9AAC80



8FA7D2

Square

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



9AAC80



63B1BE



AE9FCB



D2978D

Rectangle

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



9AAC80



71B2A1



AE9FCB



CF96AB

Sweetspot

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



9AAC80



D9E0CE



AC9280



6C7065



F0F0F0



707070

Same Dimension

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



9AAC80



C4E09B



84AC80



53574E



599600



0E1700

Inverse Universe

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



9280AC



B79BE0



A880AC



524E57



3E0096



090017

Previews

White Background



This preview shows how the Hex color 9AAC80 looks on a white background.

Color Contrast Check

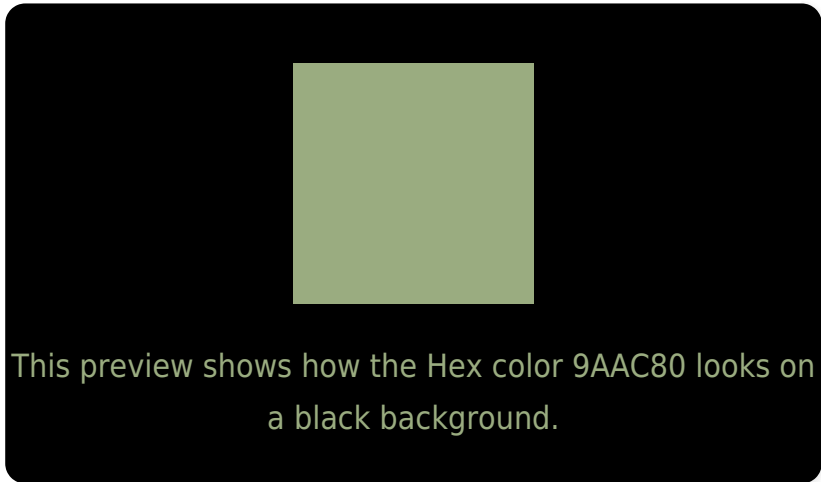
Large Text (above 18pt) WCAG AA × Fail

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

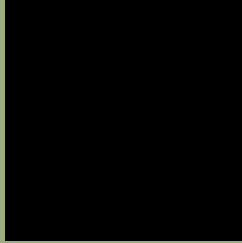
Any Text WCAG AA ✓ Pass

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 9AAC80 Background



This preview shows how black text looks on a background with the Hex color 9AAC80.



This preview shows how white text looks on a background with the Hex color 9AAC80.

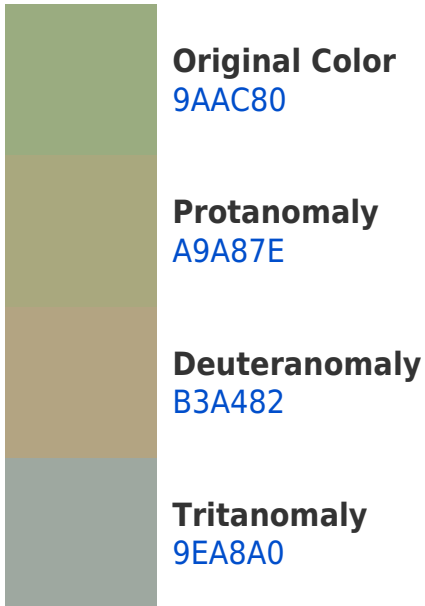
Color Blindness Simulation

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](#).

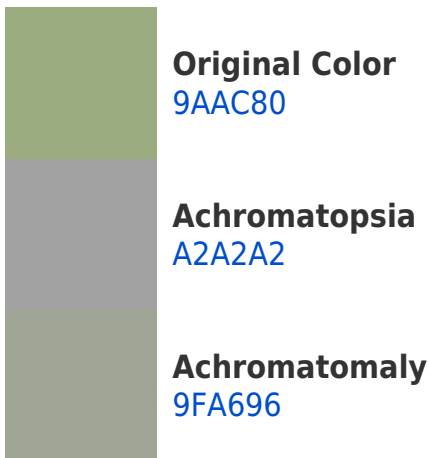
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AAC80 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 #9AAC80 looks like.

```
.text, #text, p{  
    color:#9AAC80  
}
```

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 #9AAC80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AAC80
}
```

Border

The CSS property to change the border of an element to Hex 9AAC80 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
#9AAC80 }
```

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

```
.border{ border-color:#9AAC80 }
```

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

Here you see how a box with a 4 pixel #9AAC80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AAC80; -webkit-box-shadow:4px 4px  
4px 4px #9AAC80; box-shadow:4px 4px 4px  
4px #9AAC80 }
```

Background

The CSS property to change the background color of an element to Hex 9AAC80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AAC80 }
```

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

```
.background{ background-color:#9AAC80 }
```

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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