

Converting Colors

Hex(9AAC87)

Have a look what the booklet for
Hex(9AAC87) contains.

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Color

Hex(9AAC87)

Conversions

Conversions Part 1

Format	Color
Hex	9AAC87
RGB	154, 172, 135
RGB Percent	60%, 67%, 53%
CMY	0.3961, 0.3255, 0.4706
CMYK	0.10, 0.00, 0.22, 0.33
HSL	89°, 18%, 60%
HSV	89°, 22%, 67%
XYZ	32.4521, 38.1243, 28.5700
YIQ	162.4000, 1.1490, -15.3230

Conversions

Conversions Part 2

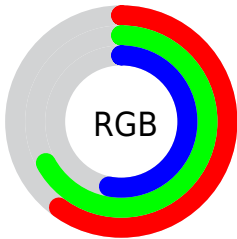
Format	Color
RYB	135, 172, 153
Decimal	10136711
CIELab	68.11, -13.09, 16.98
CIElCh	68, 21.438, 127.620
Yxy	38.1243, 0.3273, 0.3845
Android (android.graphics.Color)	4288326791 (0xFF9AAC87)
YUV	162.4000, -13.5082, -7.3668
Hunter-Lab	61.7449, -14.2369, 15.7874

Details

The Hex color **9AAC87** is a light color, and the websafe version is hex **999966**. A complement of this color would be **9987AC**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **D1E3BC**, and **677855** is the 20% darker color. If you saturate the color by 10%, you get **92AC76**, and if you desaturate by 10%, it is **A2AC98**.

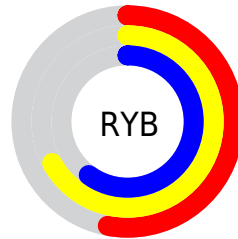
Distribution



Red (60%)

Green (67%)

Blue (53%)



Red (53%)

Yellow (67%)

Blue (60%)

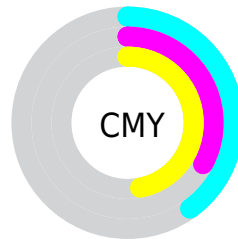


Cyan (10%)

Magenta (0%)

Yellow (22%)

Black (33%)



Cyan (40%)

Magenta (33%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AAC87 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 9AAC87 by changing the saturation by 10% instead.



9AAC87



9AAC87

FFFFFF



80916E



D1E3BC



677855



EDFFD8



4E5F3E



FFFFF5



374728



213113



0B1C00



000000



9AAC87



9AAC87



92AC76



A2AC98

 89AC65

 ABACA9

 81AC53

 B3ACBB

 79AC42

 BBACCC

 70AC31

 C4ACDD

 68AC20

 CCACEE

 5FAC0F

 D5ACFF

 58AC00

 DDACFF

 E5ACFF

Harmonies

Analogous

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



B0A680



9AAC87



84B097

Triad

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



9AAC87



7DACC9



CD98A2

Complementary

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



9AAC87



9987AC

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.



C39AB5



9AAC87



96A6CC

Square

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



9AAC87



70B0BD



B09FC5



CC9A8F

Rectangle

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



9AAC87



78B1A4



B09FC5



CB98A8

Sweetspot

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



9AAC87



DAE0D3



AC9987



6C7068



F0F0F0



707070

Same Dimension

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



9AAC87



C4E0A6



88AC87



52574E



4D9600



0C1700

Inverse Universe

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



9987AC



C2A6E0



AB87AC



524E57



490096



0B0017

Previews

White Background



This preview shows how the Hex color 9AAC87 looks on a white background.

Color Contrast Check

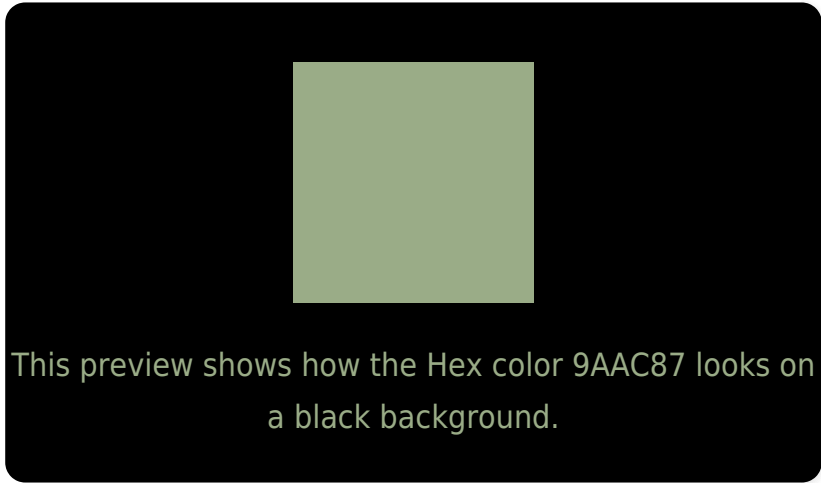
Large Text (above 18pt) WCAG AA × Fail

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

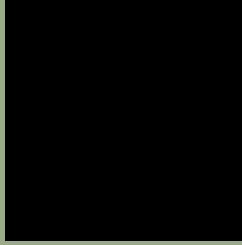
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

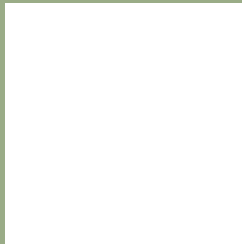
Any Text WCAG AAA ✓ Pass

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

Hex 9AAC87 Background



This preview shows how black text looks on a background with the Hex color 9AAC87.



This preview shows how white text looks on a background with the Hex color 9AAC87.

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
A1A6B3

Trichromacy



Original Color
9AAC87

Protanomaly
A8A885

Deuteranomaly
B2A489

Tritanomaly
9EA8A3

Monochromacy



Original Color
9AAC87

Achromatopsia
A2A2A2

Achromatomaly
9FA698

CSS Examples

Text

The CSS property to change the color of the text to Hex 9AAC87 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 #9AAC87 looks like.

```
.text, #text, p{  
    color:#9AAC87  
}
```

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 #9AAC87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AAC87  
}
```

Border

The CSS property to change the border of an element to Hex 9AAC87 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  
#9AAC87 }
```

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

```
.border{ border-color:#9AAC87 }
```

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

Here you see how a box with a 4 pixel #9AAC87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AAC87; -webkit-box-shadow:4px 4px  
4px 4px #9AAC87; box-shadow:4px 4px 4px  
4px #9AAC87 }
```

Background

The CSS property to change the background color of an element to Hex 9AAC87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AAC87 }
```

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

```
.background{ background-color:#9AAC87 }
```

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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