

Converting Colors

Hex(9CA87E)

Have a look what the booklet for
Hex(9CA87E) contains.

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Color

Hex(9CA87E)

Conversions

Conversions Part 1

Format	Color
Hex	9CA87E
RGB	156, 168, 126
RGB Percent	61%, 66%, 49%
CMY	0.3882, 0.3412, 0.5059
CMYK	0.07, 0.00, 0.25, 0.34
HSL	77°, 19%, 58%
HSV	77°, 25%, 66%
XYZ	31.4788, 36.5795, 25.1401
YIQ	159.6240, 6.3300, -15.6060

Conversions

Conversions Part 2

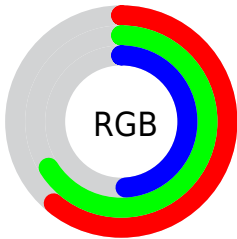
Format	Color
RYB	126, 168, 138
Decimal	10266750
CIELab	66.96, -11.65, 20.34
CIElCh	67, 23.439, 119.807
Yxy	36.5795, 0.3378, 0.3925
Android (android.graphics.Color)	4288456830 (0xFF9CA87E)
YUV	159.6240, -16.5766, -3.1782
Hunter-Lab	60.4810, -12.9371, 17.6917

Details

The Hex color **9CA87E** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8A7EA8**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **D3DFB3**, and **68744D** is the 20% darker color. If you saturate the color by 10%, you get **97A86D**, and if you desaturate by 10%, it is **A1A88F**.

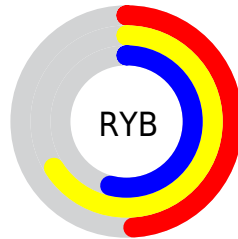
Distribution



Red (61%)

Green (66%)

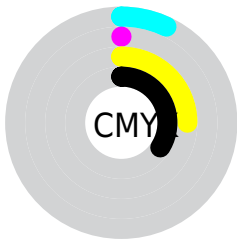
Blue (49%)



Red (49%)

Yellow (66%)

Blue (54%)

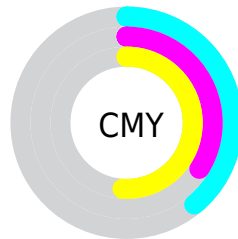


Cyan (7%)

Magenta (0%)

Yellow (25%)

Black (34%)



Cyan (39%)

Magenta (34%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CA87E 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 9CA87E by changing the saturation by 10% instead.



9CA87E



9CA87E

FFFFFF



828E65



D3DFB3



68744D



EFFCCE



505B36



FFFFEB



384420



222E09



091A00



000000



9CA87E



9CA87E



97A86D



A1A88F

 92A85C

 A6A8A0

 8EA84C

 AAA8B0

 89A83B

 AFA8C1

 84A82A

 B4A8D2

 7FA819

 B9A8E3

 7AA808

 BEA8F4

 78A800

 C2A8FF

 C7A8FF

Harmonies

Analogous

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



B3A179



9CA87E



84AD8D

Triad

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



9CA87E



70ABC7



CC94A4

Complementary

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



9CA87E



8A7EA8

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.



BE97B8



9CA87E



89A5CD

Square

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



9CA87E



66AEB7



A69EC7



CE958F

Rectangle

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



9CA87E



75AE9B



A69EC7



C894AB

Sweetspot

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



9CA87E



D6DBCA



A88A7E



6B6E63



EDEDED



6E6E6E

Same Dimension

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



9CA87E



C9DB9A



87A87E



52544C



6A9400



0F1400

Inverse Universe

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



8A7EA8



AC9ADB



9F7EA8



4E4C54



2A0094



060014

Previews

White Background



This preview shows how the Hex color 9CA87E looks on a white background.

Color Contrast Check

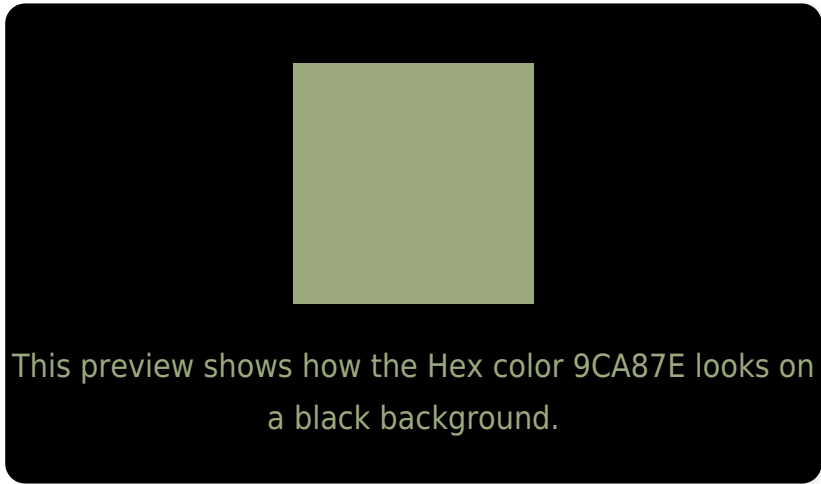
Large Text (above 18pt) WCAG AA × Fail

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

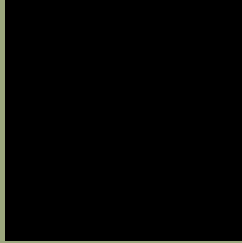
Any Text WCAG AA ✓ Pass

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 9CA87E Background



This preview shows how black text looks on a background with the Hex color 9CA87E.



This preview shows how white text looks on a background with the Hex color 9CA87E.

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](#).

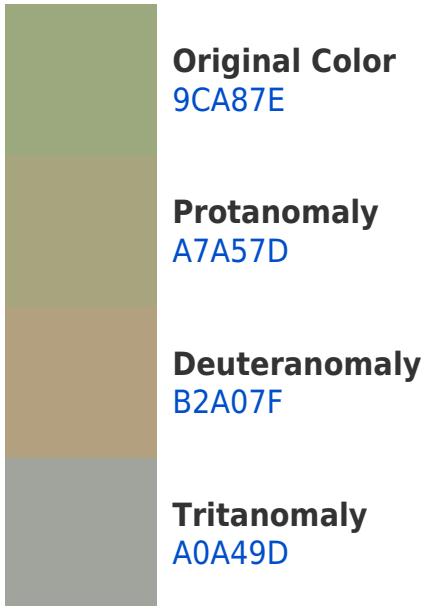
Dichromacy



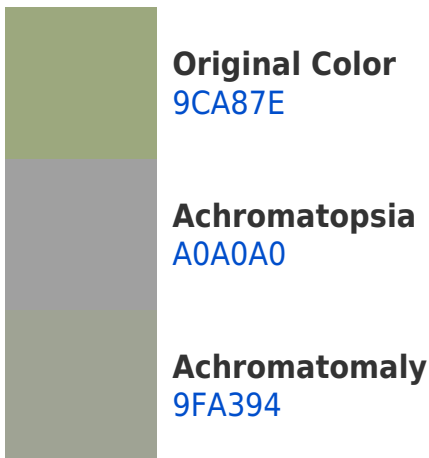


Tritanopia
A3A2AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CA87E 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 #9CA87E looks like.

```
.text, #text, p{  
    color:#9CA87E  
}
```

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 #9CA87E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CA87E
}
```

Border

The CSS property to change the border of an element to Hex 9CA87E 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
#9CA87E }
```

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

```
.border{ border-color:#9CA87E }
```

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

Here you see how a box with a 4 pixel #9CA87E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CA87E; -webkit-box-shadow:4px 4px  
4px 4px #9CA87E; box-shadow:4px 4px 4px  
4px #9CA87E }
```

Background

The CSS property to change the background color of an element to Hex 9CA87E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CA87E }
```

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

```
.background{ background-color:#9CA87E }
```

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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