

# Converting Colors

Hex(9CAB87)

Have a look what the booklet for  
Hex(9CAB87) contains.

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**Color**

**Hex(9CAB87)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CAB87
RGB	156, 171, 135
RGB Percent	61%, 67%, 53%
CMY	0.3882, 0.3294, 0.4706
CMYK	0.09, 0.00, 0.21, 0.33
HSL	85°, 18%, 60%
HSV	85°, 21%, 67%
XYZ	32.6464, 37.9430, 28.5248
YIQ	162.4110, 2.6160, -14.3760

# Conversions

## Conversions Part 2

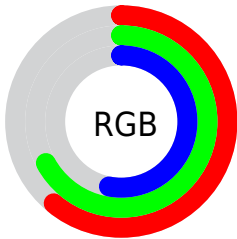
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">135, 171, 150</a>
Decimal	<a href="#">10267527</a>
CIELab	<a href="#">67.98, -11.81, 16.82</a>
CIELCh	<a href="#">68, 20.553, 125.088</a>
Yxy	<a href="#">37.9430, 0.3294, 0.3828</a>
Android (android.graphics.Color)	<a href="#">4288457607 (0xFF9CAB87)</a>
YUV	<a href="#">162.4110, -13.5136, -5.6224</a>
Hunter-Lab	<a href="#">61.5979, -13.1928, 15.6625</a>

# Details

The Hex color **9CAB87** is a light color, and the websafe version is hex **999966**. A complement of this color would be **9687AB**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **D3E2BC**, and **687755** is the 20% darker color. If you saturate the color by 10%, you get **95AB76**, and if you desaturate by 10%, it is **A3AB98**.

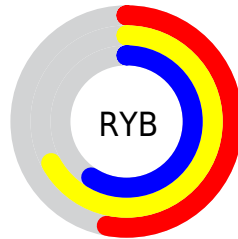
# Distribution



Red (61%)

Green (67%)

Blue (53%)



Red (53%)

Yellow (67%)

Blue (59%)

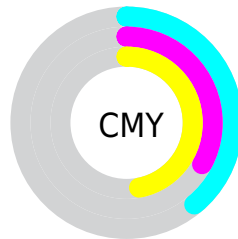


Cyan (9%)

Magenta (0%)

Yellow (21%)

Black (33%)



Cyan (39%)

Magenta (33%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CAB87 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 9CAB87 by changing the saturation by 10% instead.



 9CAB87

 9CAB87

FFFFFF

 82906E

 D3E2BC

 687755

 EFFFFD8

 505E3E

 FFFFF5

 394628

 233013

 0E1B00

 000000

 9CAB87

 9CAB87

 95AB76

 A3AB98

 8EAB65

 AAABA9

 87AB54

 B1ABBA

 80AB43

 B8ABCB

 78AB31

 C0ABDC

 71AB20

 C7ABEE

 6AAB0F

 CEABFF

 64AB00

 D5ABFF

 DCABFF

# Harmonies

## Analogous

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



B1A581



9CAB87



87AF95

# Triad

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



9CAB87



7EACC7



CB98A3

# Complementary

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



9CAB87



9687AB

# 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.



C19BB6



9CAB87



94A6CA

# Square

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



9CAB87



72AFBA



ADA0C4



CB9A91

# Rectangle

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



9CAB87



7BB0A2



ADA0C4



C999A9



# Sweetspot

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



9CAB87



D8DED1



AB9687



6D7068



F0F0F0



707070



# Same Dimension

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



9CAB87



C7DEA6



8BAB87



53574E



589600



0D1700



# Inverse Universe

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



9687AB



BDA6DE



A887AB



524E57



3F0096

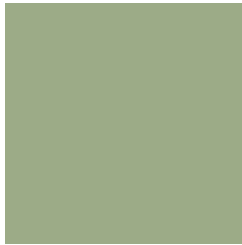


0A0017



# Previews

## White Background



This preview shows how the Hex color 9CAB87 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



This preview shows how the Hex color 9CAB87 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

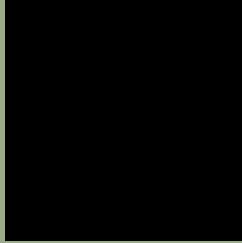
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9CAB87 Background



This preview shows how black text looks on a background with the Hex color 9CAB87.



This preview shows how white text looks on a background with the Hex color 9CAB87.

# 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**  
A2A5B2

# Trichromacy



**Original Color**  
9CAB87

**Protanomaly**  
A9A785

**Deuteranomaly**  
B2A388

**Tritanomaly**  
A0A7A2

# Monochromacy



**Original Color**  
9CAB87

**Achromatopsia**  
A2A2A2

**Achromatomaly**  
A0A598

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CAB87 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 #9CAB87 looks like.

```
.text, #text, p{  
    color:#9CAB87  
}
```

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 #9CAB87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CAB87
}
```

## Border

The CSS property to change the border of an element to Hex 9CAB87 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
#9CAB87 }
```

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

```
.border{ border-color:#9CAB87 }
```

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

Here you see how a box with a 4 pixel #9CAB87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CAB87; -webkit-box-shadow:4px 4px  
4px 4px #9CAB87; box-shadow:4px 4px 4px  
4px #9CAB87 }
```

# Background

The CSS property to change the background color of an element to Hex 9CAB87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CAB87 }
```

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

```
.background{ background-color:#9CAB87 }
```

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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