

# Converting Colors

Hex(9AA37B)

Have a look what the booklet for  
Hex(9AA37B) contains.

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# **Color**

**Hex(9AA37B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9AA37B
RGB	154, 163, 123
RGB Percent	60%, 64%, 48%
CMY	0.3961, 0.3608, 0.5176
CMYK	0.06, 0.00, 0.25, 0.36
HSL	74°, 18%, 56%
HSV	74°, 25%, 64%
XYZ	29.9988, 34.4945, 23.8159
YIQ	155.7490, 7.4760, -14.3480

# Conversions

## Conversions Part 2

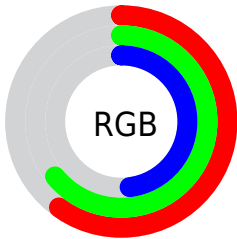
<b>Format</b>	<b>Color</b>
<b>RYB</b>	123, 163, 132
Decimal	10134395
CIELab	65.35, -10.23, 19.76
CIElCh	65, 22.253, 117.376
Yxy	34.4945, 0.3397, 0.3906
Android (android.graphics.Color)	4288324475 (0xFF9AA37B)
YUV	155.7490, -16.1453, -1.5339
Hunter-Lab	58.7320, -11.6078, 17.0702

# Details

The Hex color **9AA37B** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **847BA3**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **D1DAB0**, and **666F4A** is the 20% darker color. If you saturate the color by 10%, you get **96A36B**, and if you desaturate by 10%, it is **9EA38B**.

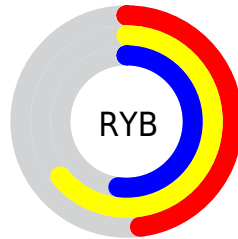
# Distribution



Red (60%)

Green (64%)

Blue (48%)



Red (48%)

Yellow (64%)

Blue (52%)

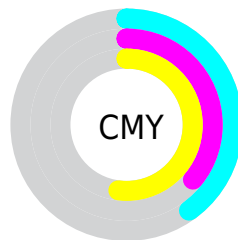


Cyan (6%)

Magenta (0%)

Yellow (25%)

Black (36%)



Cyan (40%)

Magenta (36%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AA37B 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 9AA37B by changing the saturation by 10% instead.





9AA37B



9AA37B

FFFFFF



808962



D1DAB0



666F4A



EDF6CB



4E5733



FFFFE7



37401D



212A06



031600



000000



9AA37B



9AA37B



96A36B



9EA38B

 93A35A

 A1A39C

 8FA34A

 A5A3AC

 8BA33A

 A9A3BC

 88A32A

 ACA3CD

 84A319

 B0A3DD

 80A309

 B4A3ED

 7EA300

 B7A3FD

 BBA3FF

# Harmonies

## Analogous

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



AF9D77



9AA37B



83A889

# Triad

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



9AA37B



6DA6C0



C590A1

# Complementary

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



9AA37B



847BA3

# 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.



B794B4



9AA37B



84A1C6

# Square

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



9AA37B



65AAB0



A09AC2



C7918D

# Rectangle

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



9AA37B



75A995



A09AC2



C191A8



# Sweetspot

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



9AA37B



D0D4C5



A3847B



696B63



EBEBEB



6B6B6B



# Same Dimension

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



9AA37B



C6D496



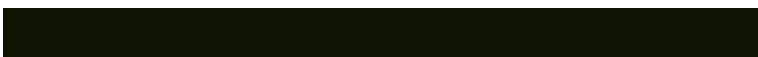
86A37B



505249



719100



0E1200



# Inverse Universe

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



847BA3



A496D4



987BA3



4B4952



210091



040012



# Previews

## White Background



This preview shows how the Hex color 9AA37B looks on a white background.

## Color Contrast Check

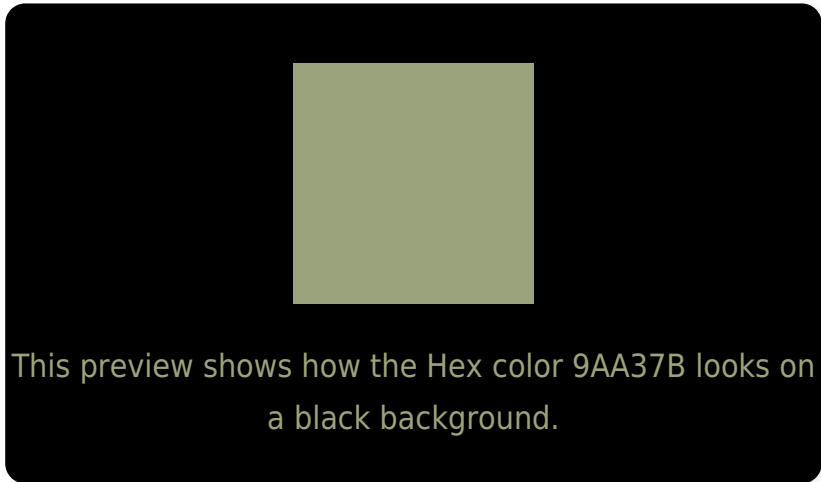
Large Text (above 18pt) WCAG AA × Fail

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

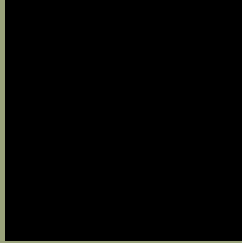
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

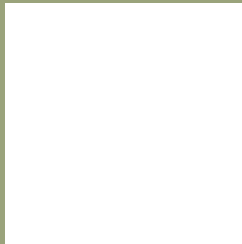
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9AA37B Background



This preview shows how black text looks on a background with the Hex color 9AA37B.

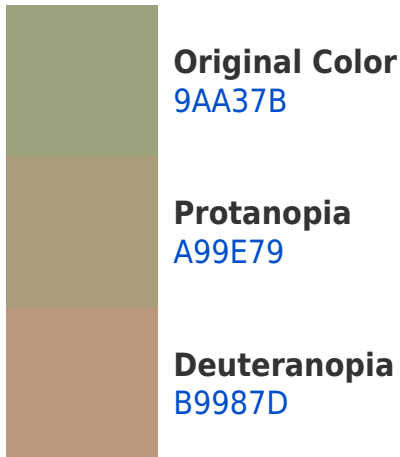


This preview shows how white text looks on a background with the Hex color 9AA37B.

# 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**  
A09DA9

# Trichromacy



**Original Color**  
9AA37B

**Protanomaly**  
A4A07A

**Deuteranomaly**  
AE9C7C

**Tritanomaly**  
9E9F98

# Monochromacy



**Original Color**  
9AA37B

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
9B9F90

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AA37B 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 #9AA37B looks like.

```
.text, #text, p{  
    color:#9AA37B  
}
```

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 #9AA37B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AA37B
}
```

## Border

The CSS property to change the border of an element to Hex 9AA37B 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
#9AA37B }
```

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

```
.border{ border-color:#9AA37B }
```

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

Here you see how a box with a 4 pixel #9AA37B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AA37B; -webkit-box-shadow:4px 4px  
4px 4px #9AA37B; box-shadow:4px 4px 4px  
4px #9AA37B }
```

# Background

The CSS property to change the background color of an element to Hex 9AA37B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AA37B }
```

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

```
.background{ background-color:#9AA37B }
```

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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