

# Converting Colors

Hex(9A8668)

Have a look what the booklet for  
Hex(9A8668) contains.

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**Color**

**Hex(9A8668)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A8668
RGB	154, 134, 104
RGB Percent	60%, 53%, 41%
CMY	0.3961, 0.4745, 0.5922
CMYK	0.00, 0.13, 0.32, 0.40
HSL	36°, 20%, 51%
HSV	36°, 32%, 60%
XYZ	24.3502, 24.9197, 16.6233
YIQ	136.5600, 21.5500, -5.0900

# Conversions

## Conversions Part 2

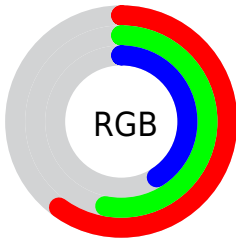
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 154, 104
Decimal	10126952
CIELab	57.00, 2.92, 18.96
CIELCh	57, 19.187, 81.257
Yxy	24.9197, 0.3695, 0.3782
Android (android.graphics.Color)	4288317032 (0xFF9A8668)
YUV	136.5600, -16.0521, 15.2949
Hunter-Lab	49.9196, -0.2891, 15.2001

# Details

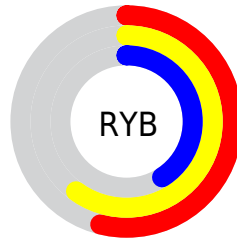
The Hex color **9A8668** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **687C9A**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **D1BB9B**, and **665539** is the 20% darker color. If you saturate the color by 10%, you get **9A8059**, and if you desaturate by 10%, it is **9A8C77**.

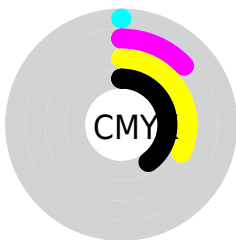
# Distribution



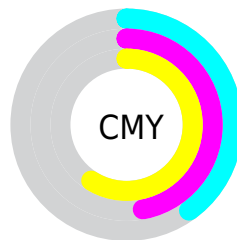
- Red (60%)
- Green (53%)
- Blue (41%)



- Red (54%)
- Yellow (60%)
- Blue (41%)



- Cyan (0%)
- Magenta (13%)
- Yellow (32%)
- Black (40%)



- Cyan (40%)
- Magenta (47%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A8668 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 9A8668 by changing the saturation by 10% instead.





9A8668



9A8668

FFFFFF



806D50



D1BB9B



665539



EED7B6



4D3D23



FFF3D2



36280E



FFFEE



201300



000000



9A8668



9A8668



9A8059



9A8C77



9A7A49



9A9287

 9A743A

 9A9896

 9A6D2A

 9A9FA6

 9A671B

 9AA5B5

 9A610C

 9AABC4

 9A5C00

 9AB1D4

 9AB7E3

 9ABDF3

# Harmonies

## Analogous

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



A6816F



9A8668



898B69

# Triad

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



9A8668



5A9294



9A819E

# Complementary

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



9A8668



687C9A

# 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.



8586A8



9A8668



5D90A2

# Square

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



9A8668



649283



6E8CA9



A77D8E

# Rectangle

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



9A8668



7C8E6F



6E8CA9



9382A2



# Sweetspot

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



9A8668



C9C1B5



9A687C



66615A



E6E6E6



666666



# Same Dimension

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



9A8668



C9AA7B



959A68



4D4945



8C5400



0D0800



# Inverse Universe

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



687C9A



7B9AC9



6D689A



45484D



00388C



00050D



# Previews

## White Background



This preview shows how the Hex color 9A8668 looks on a white background.

## Color Contrast Check

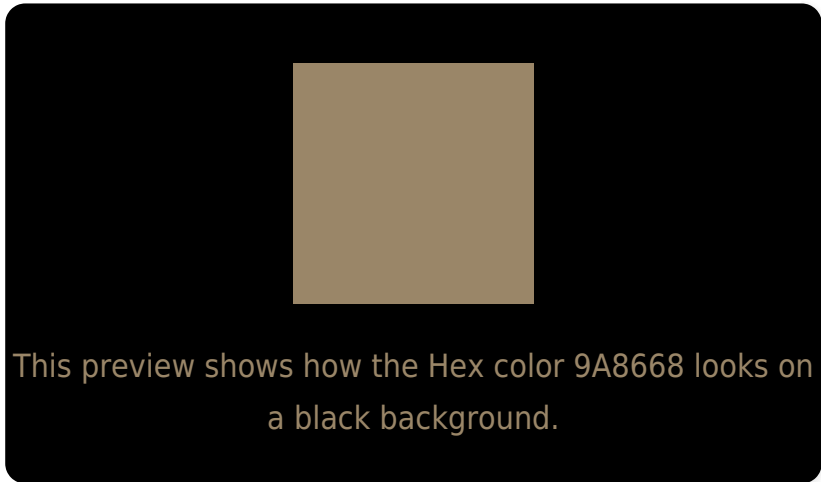
Large Text (above 18pt) WCAG AA ✓ Pass

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

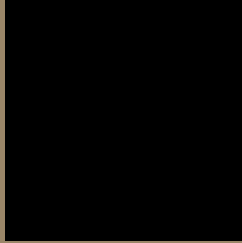
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9A8668 Background



This preview shows how black text looks on a background with the Hex color 9A8668.



This preview shows how white text looks on a background with the Hex color 9A8668.

# 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



**Original Color**  
9A8668

**Protanopia**  
928969

**Deuteranopia**  
A18369



**Tritanopia**  
9E818B

# Trichromacy



**Original Color**  
9A8668

**Protanomaly**  
958869

**Deuteranomaly**  
9E8469

**Tritanomaly**  
9D837E

# Monochromacy



**Original Color**  
9A8668

**Achromatopsia**  
898989

**Achromatomaly**  
8F887D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A8668 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 #9A8668 looks like.

```
.text, #text, p{  
    color:#9A8668  
}
```

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 #9A8668 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A8668
}
```

## Border

The CSS property to change the border of an element to Hex 9A8668 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
#9A8668 }
```

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

```
.border{ border-color:#9A8668 }
```

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

Here you see how a box with a 4 pixel #9A8668 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A8668; -webkit-box-shadow:4px 4px  
4px 4px #9A8668; box-shadow:4px 4px 4px  
4px #9A8668 }
```

# Background

The CSS property to change the background color of an element to Hex 9A8668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A8668 }
```

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

```
.background{ background-color:#9A8668 }
```

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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