

# Converting Colors

Hex(9A8E60)

Have a look what the booklet for  
Hex(9A8E60) contains.

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**Color**

**Hex(9A8E60)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 9A8E60                      |
| RGB         | 154, 142, 96                |
| RGB Percent | 60%, 56%, 38%               |
| CMY         | 0.3961, 0.4431, 0.6235      |
| CMYK        | 0.00, 0.08, 0.38, 0.40      |
| HSL         | 48°, 23%, 49%               |
| HSV         | 48°, 38%, 60%               |
| XYZ         | 25.1107, 27.0606, 14.9661   |
| YIQ         | 140.3440, 21.9180, -11.7620 |

# Conversions

## Conversions Part 2

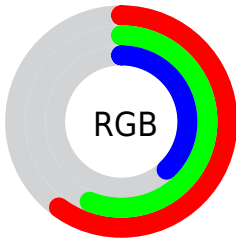
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 111, 154, 96                   |
| Decimal                             | 10128992                       |
| CIELab                              | 59.03, -2.58, 26.15            |
| CIElCh                              | 59, 26.273, 95.625             |
| Yxy                                 | 27.0606, 0.3740,<br>0.4031     |
| Android<br>(android.graphics.Color) | 4288319072<br>(0xFF9A8E60)     |
| YUV                                 | 140.3440, -21.8616,<br>11.9763 |
| Hunter-Lab                          | 52.0198, -4.8699,<br>19.3561   |

# Details

The Hex color **9A8E60** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **606C9A**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **D1C493**, and **665C31** is the 20% darker color. If you saturate the color by 10%, you get **9A8B51**, and if you desaturate by 10%, it is **9A916F**.

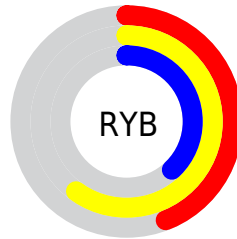
# Distribution



Red (60%)

Green (56%)

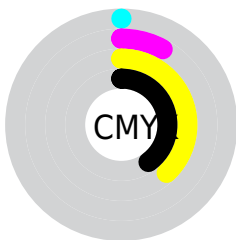
Blue (38%)



Red (44%)

Yellow (60%)

Blue (38%)

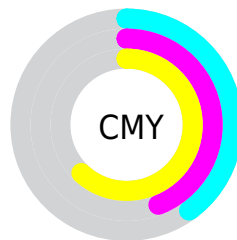


Cyan (0%)

Magenta (8%)

Yellow (38%)

Black (40%)



Cyan (40%)

Magenta (44%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A8E60 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 9A8E60 by changing the saturation by 10% instead.





9A8E60



9A8E60

FFFFFF



7F7448



D1C493



665C31



EEDFAE



4D451B



FFFC9



352E02



FFFFE6



1E1A00



000000



9A8E60



9A8E60



9A8B51



9A916F



9A8841



9A947F

 9A8432

 9A988E

 9A8122

 9A9B9E

 9A7E13

 9A9EAD

 9A7B04

 9AA1BC

 9A7A00

 9AA4CC

 9AA7DB

 9AABEB

# Harmonies

## Analogous

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



AE8665



9A8E60



819568

# Triad

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



9A8E60



449AA8



AF80A2

# Complementary

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



9A8E60



606C9A

# 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.



9787B4



9A8E60



5696B7

# Square

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



9A8E60



4E9B92



768FBC



BB7D8A

# Rectangle

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



9A8E60



6F9873



768FBC



A882A8



# Sweetspot

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



9A8E60



C9C5B3



9A606D



666359



E6E6E6



666666



# Same Dimension

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



9A8E60



C9B76F



8A9A60



4D4B45



8C6F00



0D0A00



# Inverse Universe

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



606C9A



6F82C9



70609A



45464D



001D8C



00030D



# Previews

## White Background



This preview shows how the Hex color 9A8E60 looks on a white background.

## Color Contrast Check

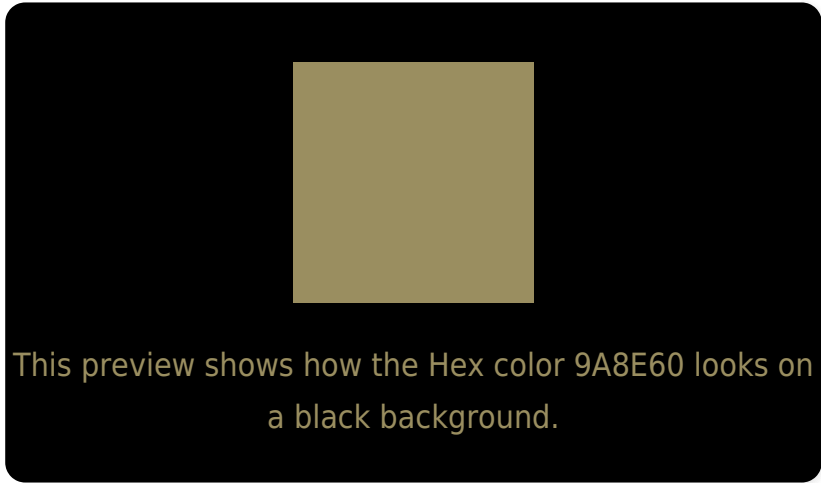
Large Text (above 18pt) WCAG AA ✓ Pass

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

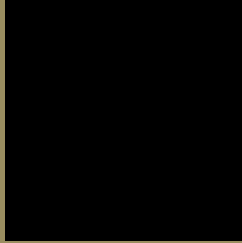
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9A8E60 Background



This preview shows how black text looks on a background with the Hex color 9A8E60.



This preview shows how white text looks on a background with the Hex color 9A8E60.

# 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**  
9A8E60

**Protanopia**  
9A8E60

**Deuteranopia**  
AA8861



**Tritanopia**  
A08892

# Trichromacy



**Original Color**  
9A8E60

**Protanomaly**  
9A8E60

**Deuteranomaly**  
A48A61

**Tritanomaly**  
9E8A80

# Monochromacy



**Original Color**  
9A8E60

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
918D7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A8E60 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 #9A8E60 looks like.

```
.text, #text, p{  
    color:#9A8E60  
}
```

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 #9A8E60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A8E60
}
```

## Border

The CSS property to change the border of an element to Hex 9A8E60 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
#9A8E60 }
```

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

```
.border{ border-color:#9A8E60 }
```

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

Here you see how a box with a 4 pixel #9A8E60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A8E60; -webkit-box-shadow:4px 4px  
4px 4px #9A8E60; box-shadow:4px 4px 4px  
4px #9A8E60 }
```

# Background

The CSS property to change the background color of an element to Hex 9A8E60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A8E60 }
```

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

```
.background{ background-color:#9A8E60 }
```

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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