

# Converting Colors

Hex(9E8D52)

Have a look what the booklet for  
Hex(9E8D52) contains.

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**Color**

**Hex(9E8D52)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E8D52
RGB	158, 141, 82
RGB Percent	62%, 55%, 32%
CMY	0.3804, 0.4471, 0.6784
CMYK	0.00, 0.11, 0.48, 0.38
HSL	47°, 32%, 47%
HSV	47°, 48%, 62%
XYZ	25.1484, 26.9280, 11.8548
YIQ	139.3570, 29.0710, -14.7450

# Conversions

## Conversions Part 2

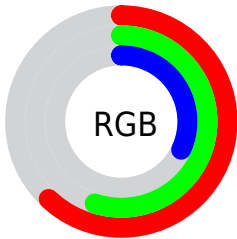
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 158, 82
Decimal	10390866
CIELab	58.91, -1.89, 33.65
CIElCh	59, 33.703, 93.208
Yxy	26.9280, 0.3934, 0.4212
Android (android.graphics.Color)	4288580946 (0xFF9E8D52)
YUV	139.3570, -28.2770, 16.3499
Hunter-Lab	51.8922, -4.3054, 22.7797

# Details

The Hex color **9E8D52** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **52639E**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **D6C285**, and **695B23** is the 20% darker color. If you saturate the color by 10%, you get **9E8942**, and if you desaturate by 10%, it is **9E9162**.

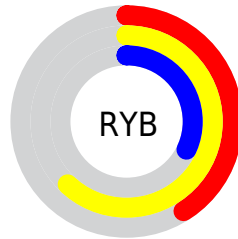
# Distribution



Red (62%)

Green (55%)

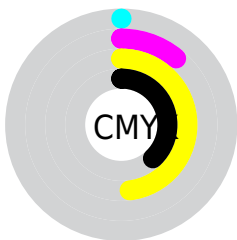
Blue (32%)



Red (41%)

Yellow (62%)

Blue (32%)

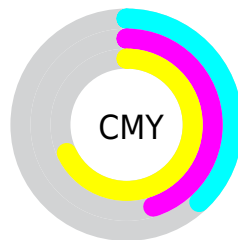


Cyan (0%)

Magenta (11%)

Yellow (48%)

Black (38%)



Cyan (38%)

Magenta (45%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E8D52 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 9E8D52 by changing the saturation by 10% instead.





9E8D52



9E8D52

FFFFFF



83743A



D6C285



695B23



F3DE9F



4F440B



FFFBBA



382E00



FFFFD6



1F1900



FFFFF3



000000



9E8D52



9E8D52



9E8942



9E9162



9E8632



9E9472

 9E8223

 9E9881

 9E7F13

 9E9B91

 9E7B03

 9E9FA1

 9E7B00

 9EA2B1

 9EA6C1

 9EA9D0

 9EADE0

# Harmonies

## Analogous

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



B7835A



9E8D52



7F965B

# Triad

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



9E8D52



009CAD



B67BA9

# Complementary

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



9E8D52



52639E

# 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.



9585BF



9E8D52



3098C2

# Square

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



9E8D52



309E90



6890C8



C6778C

# Rectangle

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



9E8D52



679A69



6890C8



AD7EB1



# Sweetspot

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



9E8D52



CFC8B2



9E5264



696557



E8E8E8



696969



# Same Dimension

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



9E8D52



CFB457



8A9E52



4F4D47



8F6F00



0F0C00



# Inverse Universe

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



52639E



5772CF



66529E



47494F



00208F



00030F



# Previews

## White Background



This preview shows how the Hex color 9E8D52 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

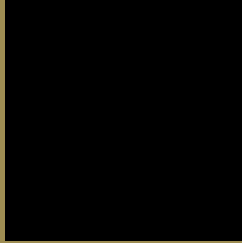
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9E8D52 Background



This preview shows how black text looks on a background with the Hex color 9E8D52.



This preview shows how white text looks on a background with the Hex color 9E8D52.

# 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**  
9E8D52

**Protanopia**  
9B8E52

**Deuteranopia**  
AC8753



**Tritanopia**  
A48690

# Trichromacy



**Original Color**  
9E8D52

**Protanomaly**  
9C8E52

**Deuteranomaly**  
A78953

**Tritanomaly**  
A28979

# Monochromacy



**Original Color**  
9E8D52

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
928C76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E8D52 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 #9E8D52 looks like.

```
.text, #text, p{  
    color:#9E8D52  
}
```

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 #9E8D52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E8D52
}
```

## Border

The CSS property to change the border of an element to Hex 9E8D52 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
#9E8D52 }
```

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

```
.border{ border-color:#9E8D52 }
```

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

Here you see how a box with a 4 pixel #9E8D52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E8D52; -webkit-box-shadow:4px 4px  
4px 4px #9E8D52; box-shadow:4px 4px 4px  
4px #9E8D52 }
```

# Background

The CSS property to change the background color of an element to Hex 9E8D52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E8D52 }
```

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

```
.background{ background-color:#9E8D52 }
```

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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