

# Converting Colors

Hex(9E954C)

Have a look what the booklet for  
Hex(9E954C) contains.

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**Color**

**Hex(9E954C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E954C
RGB	158, 149, 76
RGB Percent	62%, 58%, 30%
CMY	0.3804, 0.4157, 0.7020
CMYK	0.00, 0.06, 0.52, 0.38
HSL	53°, 35%, 46%
HSV	53°, 52%, 62%
XYZ	26.1525, 29.2858, 11.1118
YIQ	143.3690, 28.7970, -20.7950

# Conversions

## Conversions Part 2

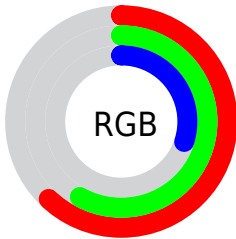
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 158, 76
Decimal	10392908
CIE Lab	61.03, -6.83, 39.35
CIE LCh	61, 39.941, 99.847
Yxy	29.2858, 0.3930, 0.4401
Android (android.graphics.Color)	4288582988 (0xFF9E954C)
YUV	143.3690, -33.2129, 12.8314
Hunter-Lab	54.1164, -8.4409, 25.7073

# Details

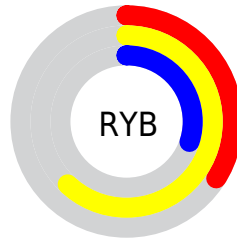
The Hex color **9E954C** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **4C559E**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **D6CB7F**, and **68631B** is the 20% darker color. If you saturate the color by 10%, you get **9E933C**, and if you desaturate by 10%, it is **9E975C**.

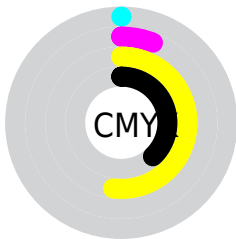
# Distribution



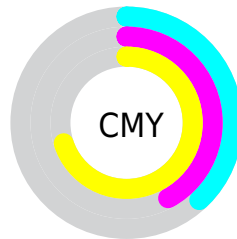
- Red (62%)
- Green (58%)
- Blue (30%)



- Red (34%)
- Yellow (62%)
- Blue (30%)



- Cyan (0%)
- Magenta (6%)
- Yellow (52%)
- Black (38%)



- Cyan (38%)
- Magenta (42%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E954C 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 9E954C by changing the saturation by 10% instead.





9E954C



9E954C

FFFFFF



837B34



D6CB7F



68631B



F3E799



4F4B00



FFFFB4



373400



FFFFD0



1E1F00



FFFFED



000700



000000



9E954C



9E954C



9E933C



9E975C

 9E922C

 9E986C

 9E901D

 9E9A7B

 9E8E0D

 9E9C8B

 9E8D00

 9E9E9B

 9E9FAB

 9EA1BB

 9EA3CA

 9EA5DA

# Harmonies

## Analogous

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



BD8951



9E954C



789E5B

# Triad

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



9E954C



00A4BF



C87AAC

# Complementary

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



9E954C



4C559E

# 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.



A686CA



9E954C



189ED5

# Square

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



9E954C



00A69E



7093D9



D77789

# Rectangle

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



9E954C



5AA26F



7093D9



BF7DB7



# Sweetspot

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



9E954C



CFCBAE



9E4C56



696655



E8E8E8



696969



# Same Dimension

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



9E954C



CFC04E



7F9E4C



4F4E47



8F7F00



0F0E00



# Inverse Universe

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



4C559E



4E5DCF



6B4C9E



47484F



00108F



00020F



# Previews

## White Background



This preview shows how the Hex color 9E954C looks on a white background.

## Color Contrast Check

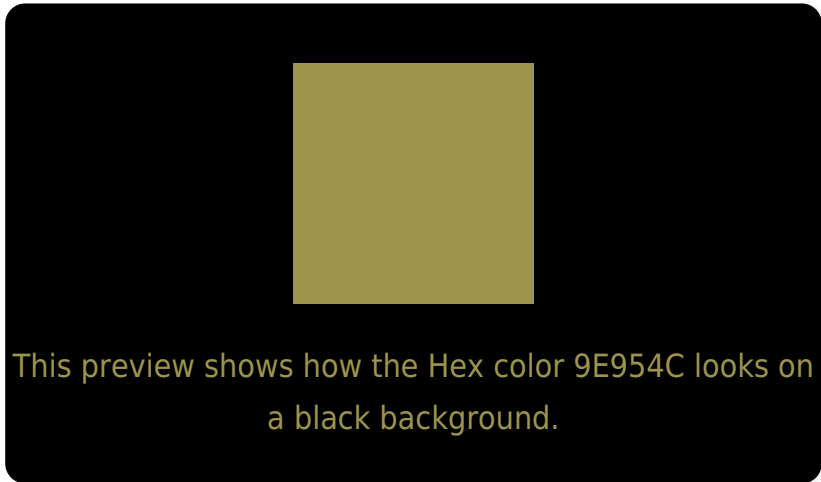
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E954C Background



This preview shows how black text looks on a background with the Hex color 9E954C.



This preview shows how white text looks on a background with the Hex color 9E954C.

# 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**  
9E954C

**Protanopia**  
A3934B

**Deuteranopia**  
B58C4E

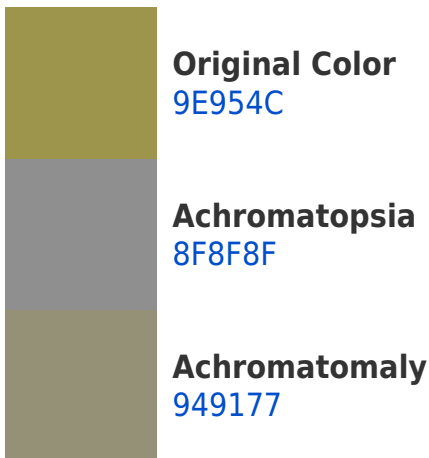


**Tritanopia**  
A58D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E954C 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 #9E954C looks like.

```
.text, #text, p{  
    color:#9E954C  
}
```

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 #9E954C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E954C
}
```

## Border

The CSS property to change the border of an element to Hex 9E954C 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
#9E954C }
```

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

```
.border{ border-color:#9E954C }
```

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

Here you see how a box with a 4 pixel #9E954C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E954C; -webkit-box-shadow:4px 4px  
4px 4px #9E954C; box-shadow:4px 4px 4px  
4px #9E954C }
```

# Background

The CSS property to change the background color of an element to Hex 9E954C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E954C }
```

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

```
.background{ background-color:#9E954C }
```

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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