

# Converting Colors

Hex(9D4E5A)

Have a look what the booklet for  
Hex(9D4E5A) contains.

<b>Hex(9D4E5A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(9D4E5A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9D4E5A
RGB	157, 78, 90
RGB Percent	62%, 31%, 35%
CMY	0.3843, 0.6941, 0.6471
CMYK	0.00, 0.50, 0.43, 0.38
HSL	351°, 34%, 46%
HSV	351°, 50%, 62%
XYZ	18.4745, 13.3551, 11.2769
YIQ	102.9890, 43.2320, 20.4800

# Conversions

## Conversions Part 2

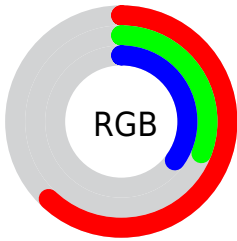
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 78, 90
Decimal	10309210
CIE <sub>Lab</sub>	43.29, 34.06, 8.31
CIE <sub>LCh</sub>	43, 35.056, 13.707
Yxy	13.3551, 0.4286, 0.3098
Android (android.graphics.Color)	4288499290 (0xFF9D4E5A)
YUV	102.9890, -6.4036, 47.3676
Hunter-Lab	36.5446, 26.2846, 7.2855

# Details

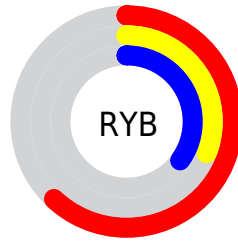
The Hex color **9D4E5A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4E9D91**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **D6818C**, and **661D2D** is the 20% darker color. If you saturate the color by 10%, you get **9D3E4D**, and if you desaturate by 10%, it is **9D5E67**.

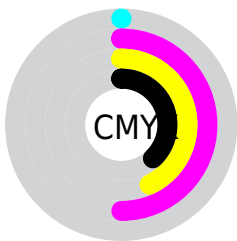
# Distribution



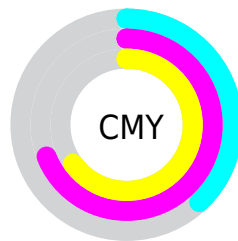
- Red (62%)
- Green (31%)
- Blue (35%)



- Red (62%)
- Yellow (31%)
- Blue (35%)



- Cyan (0%)
- Magenta (50%)
- Yellow (43%)
- Black (38%)



- Cyan (38%)
- Magenta (69%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D4E5A 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 9D4E5A by changing the saturation by 10% instead.



 9D4E5A

 9D4E5A

FFFFFF

 813543

 D6818C

 661D2D

 F49CA6

 4C0118

 FFB7C1

 340000

 FFD3DD

 0D0000

 FFF0FA

 000000

 9D4E5A

 9D4E5A

 9D3E4D

 9D5E67

 9D2F3F

 9D6D75

 9D1F32

 9D7D82

 9D0F25

 9D8D8F

 9D0018

 9D9D9D

 9DACAA

 9DBC B7

 9DCCC5

 9DDBD2

# Harmonies

## Analogous

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



945077



9D4E5A



97553F

# Triad

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



9D4E5A



4A703B



006E9E

# Complementary

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



9D4E5A



4E9D91

# 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.



00738E



9D4E5A



1A7455

# Square

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



9D4E5A



6B692C



007573



4E659F

# Rectangle

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



9D4E5A



8C5B32



007573



00709A



# Sweetspot

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



9D4E5A



CCADB2



904E9D



665456



E6E6E6



666666



# Same Dimension

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



9D4E5A



CC5264



9D684E



4F4748



8F0016



0F0002



# Inverse Universe

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



9D4E5A



CC5264



4E839D



4F4748



8F0016

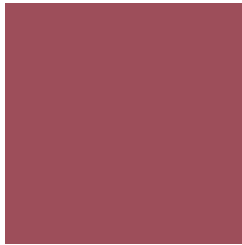


0F0002



# Previews

## White Background



This preview shows how the Hex color 9D4E5A looks on a white background.

## Color Contrast Check

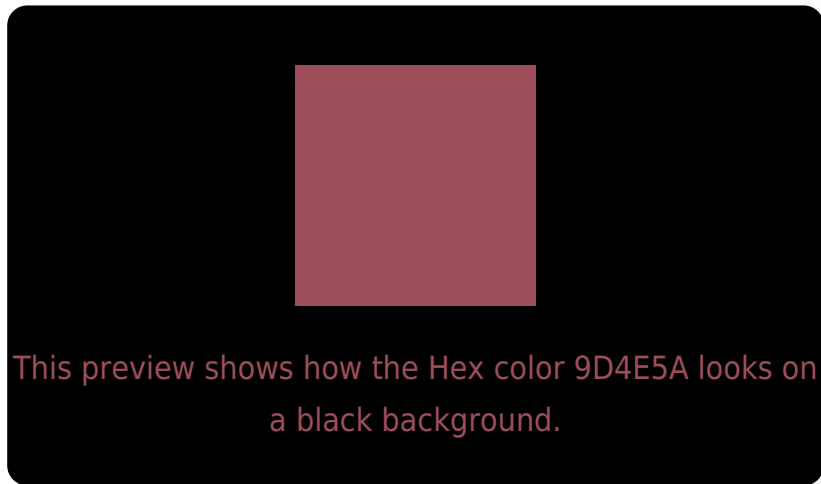
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 9D4E5A Background



This preview shows how black text looks on a background with the Hex color 9D4E5A.



This preview shows how white text looks on a background with the Hex color 9D4E5A.

# 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**  
9D4F55

# Trichromacy



**Original Color**  
9D4E5A

**Protanomaly**  
7C5D62

**Deuteranomaly**  
855B58

**Tritanomaly**  
9D4F57

# Monochromacy



**Original Color**  
9D4E5A

**Achromatopsia**  
676767

**Achromatomaly**  
7B5E62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D4E5A 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 #9D4E5A looks like.

```
.text, #text, p{  
    color:#9D4E5A  
}
```

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 #9D4E5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D4E5A
}
```

## Border

The CSS property to change the border of an element to Hex 9D4E5A is called "border". The border property can be set on classes, ids or directly on the HTML element.

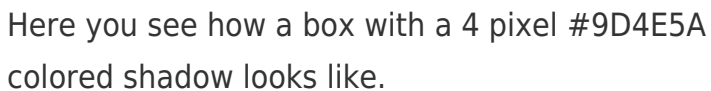
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D4E5A }
```

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

```
.border{ border-color:#9D4E5A }
```

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



Here you see how a box with a 4 pixel #9D4E5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D4E5A; -webkit-box-shadow:4px 4px  
4px 4px #9D4E5A; box-shadow:4px 4px 4px  
4px #9D4E5A }
```

# Background

The CSS property to change the background color of an element to Hex 9D4E5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D4E5A }
```

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

```
.background{ background-color:#9D4E5A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor