

# Converting Colors

Hex(9B4D64)

Have a look what the booklet for  
Hex(9B4D64) contains.

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# Color

**Hex(9B4D64)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B4D64
RGB	155, 77, 100
RGB Percent	61%, 30%, 39%
CMY	0.3922, 0.6980, 0.6078
CMYK	0.00, 0.50, 0.35, 0.39
HSL	342°, 34%, 45%
HSV	342°, 50%, 61%
XYZ	18.4717, 13.1964, 13.6302
YIQ	102.9440, 39.1050, 23.6890

# Conversions

## Conversions Part 2

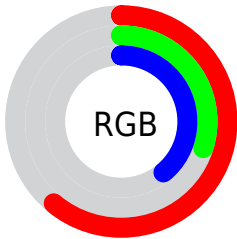
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 77, 100
Decimal	10177892
CIE <sub>Lab</sub>	43.06, 35.06, 1.78
CIE <sub>LCh</sub>	43, 35.104, 2.899
Yxy	13.1964, 0.4078, 0.2913
Android (android.graphics.Color)	4288367972 (0xFF9B4D64)
YUV	102.9440, -1.4514, 45.6531
Hunter-Lab	36.3269, 27.1927, 3.1826

# Details

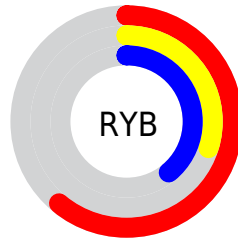
The Hex color **9B4D64** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **4D9B84**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **D48097**, and **651B36** is the 20% darker color. If you saturate the color by 10%, you get **9B3E59**, and if you desaturate by 10%, it is **9B5D6F**.

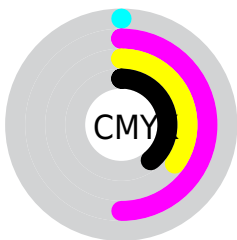
# Distribution



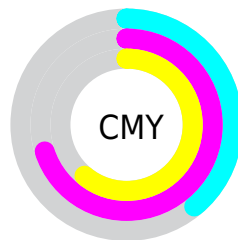
- Red (61%)
- Green (30%)
- Blue (39%)



- Red (61%)
- Yellow (30%)
- Blue (39%)



- Cyan (0%)
- Magenta (50%)
- Yellow (35%)
- Black (39%)



- Cyan (39%)
- Magenta (70%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B4D64 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 9B4D64 by changing the saturation by 10% instead.



 9B4D64

 9B4D64

FFFFFF

 80344C

 D48097

 651B36

 F19BB1

 4B0020

 FFB6CD

 330008

 FFD2E9

 0D0000

 FFEFFF

 000000

 9B4D64

 9B4D64

 9B3E59

 9B5D6F

 9B2E4E

 9B6C7A

 9B1F43

 9B7B85

 9B0F38

 9B8B90

 9B002E

 9B9B9B

 9BAAA6

 9BBAB1

 9BC9BB

 9BD8C6

# Harmonies

## Analogous

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



8C5281



9B4D64



9A5148

# Triad

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



9B4D64



566D33



007099

# Complementary

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



9B4D64



4D9B84

# 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.



007484



9B4D64



2F724A

# Square

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



9B4D64



74652A



007468



3768A0

# Rectangle

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



9B4D64



925738



007468



007193



# Sweetspot

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



9B4D64



C9ABB4



844D9B



665459



E6E6E6



666666



# Same Dimension

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



9B4D64



C95174



9B5D4D



4D4547



8C0029



0D0004



# Inverse Universe

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



9B4D64



C95174



4D8B9B



4D4547



8C0029

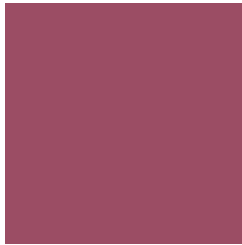


0D0004



# Previews

## White Background



This preview shows how the Hex color 9B4D64 looks on a white background.

## Color Contrast Check

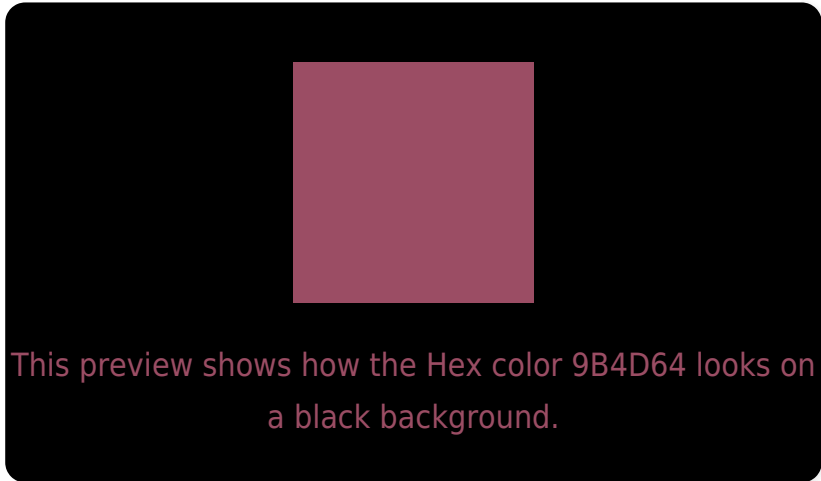
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B4D64 Background



This preview shows how black text looks on a background with the Hex color 9B4D64.

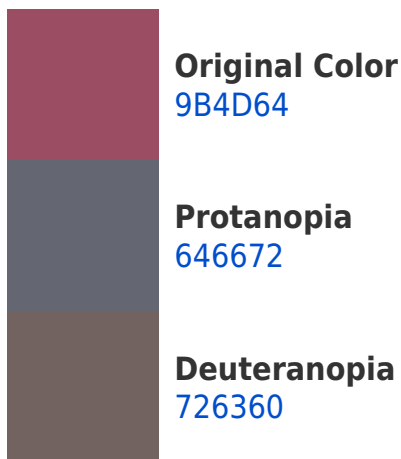


This preview shows how white text looks on a background with the Hex color 9B4D64.

# 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**  
9A5055

# Trichromacy



**Original Color**  
9B4D64

**Protanomaly**  
785D6D

**Deuteranomaly**  
815B61

**Tritanomaly**  
9A4F5A

# Monochromacy



**Original Color**  
9B4D64

**Achromatopsia**  
676767

**Achromatomaly**  
7A5E66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B4D64 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 #9B4D64 looks like.

```
.text, #text, p{  
    color:#9B4D64  
}
```

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 #9B4D64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B4D64  
}
```

## Border

The CSS property to change the border of an element to Hex 9B4D64 is called "border". The border property can be set on classes, ids or directly on the HTML element.

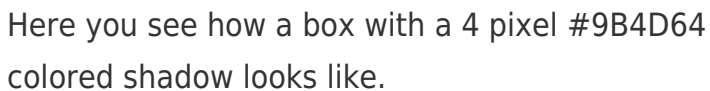
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9B4D64 }
```

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

```
.border{ border-color:#9B4D64 }
```

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



Here you see how a box with a 4 pixel #9B4D64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B4D64; -webkit-box-shadow:4px 4px  
4px 4px #9B4D64; box-shadow:4px 4px 4px  
4px #9B4D64 }
```

# Background

The CSS property to change the background color of an element to Hex 9B4D64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B4D64 }
```

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

```
.background{ background-color:#9B4D64 }
```

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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