

# Converting Colors

Hex(9B4D60)

Have a look what the booklet for  
Hex(9B4D60) contains.

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# Color

**Hex(9B4D60)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B4D60
RGB	155, 77, 96
RGB Percent	61%, 30%, 38%
CMY	0.3922, 0.6980, 0.6235
CMYK	0.00, 0.50, 0.38, 0.39
HSL	345°, 34%, 45%
HSV	345°, 50%, 61%
XYZ	18.2828, 13.1208, 12.6353
YIQ	102.4880, 40.3890, 22.4450

# Conversions

## Conversions Part 2

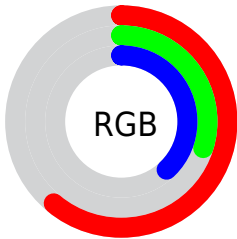
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 77, 96
Decimal	10177888
CIE <sub>Lab</sub>	42.94, 34.56, 4.08
CIE <sub>LCh</sub>	43, 34.795, 6.728
Yxy	13.1208, 0.4152, 0.2979
Android (android.graphics.Color)	4288367968 (0xFF9B4D60)
YUV	102.4880, -3.1986, 46.0530
Hunter-Lab	36.2227, 26.7050, 4.6742

# Details

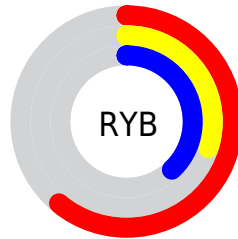
The Hex color **9B4D60** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4D9B88**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **D48092**, and **651C32** is the 20% darker color. If you saturate the color by 10%, you get **9B3E54**, and if you desaturate by 10%, it is **9B5D6C**.

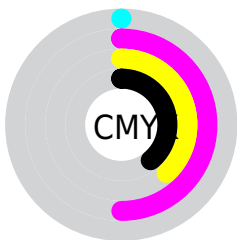
# Distribution



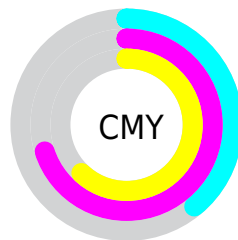
- Red (61%)
- Green (30%)
- Blue (38%)



- Red (61%)
- Yellow (30%)
- Blue (38%)



- Cyan (0%)
- Magenta (50%)
- Yellow (38%)
- Black (39%)



- Cyan (39%)
- Magenta (70%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B4D60 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 9B4D60 by changing the saturation by 10% instead.



 9B4D60

 9B4D60

FFFFFF

 803448

 D48092

 651C32

 F19BAD

 4A001D

 FFB6C8

 330002

 FFD2E4

 0B0000

 FFEFFF

 000000

 9B4D60

 9B4D60

 9B3E54

 9B5D6C

 9B2E49

 9B6C77

 9B1F3D

 9B7B83

 9B0F31

 9B8B8F

 9B0026

 9B9B9B

 9BAAA6

 9BBAB2

 9BC9BE

 9BD8CA

# Harmonies

## Analogous

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



8E517D



9B4D60



985245

# Triad

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



9B4D60



526E36



006E9A

# Complementary

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



9B4D60



4D9B88

# 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.



007387



9B4D60



29724E

# Square

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



9B4D60



70662A



00746B



40669E

# Rectangle

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



9B4D60



8F5836



00746B



007095



# Sweetspot

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



9B4D60



C9ABB3



884D9B



665458



E6E6E6



666666



# Same Dimension

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



9B4D60



C9516E



9B604D



4D4547



8C0022



0D0003



# Inverse Universe

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



9B4D60



C9516E



4D889B



4D4547



8C0022

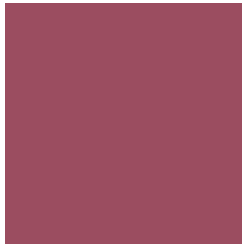


0D0003



# Previews

## White Background



This preview shows how the Hex color 9B4D60 looks on a white background.

## Color Contrast Check

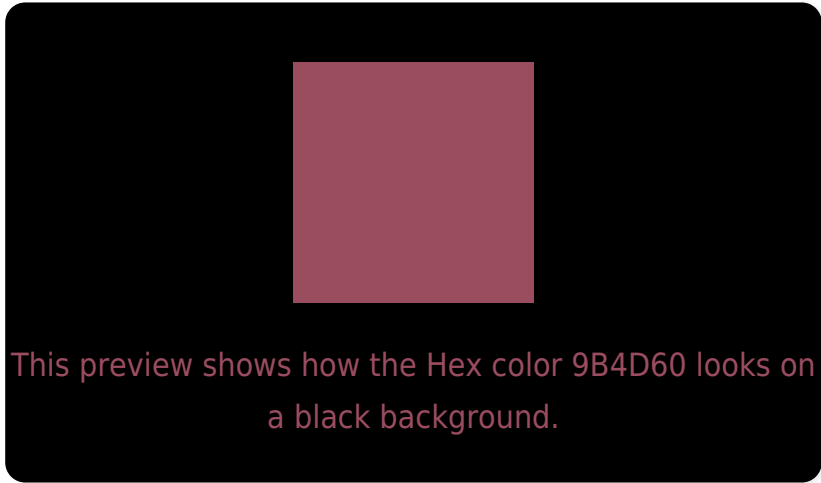
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B4D60 Background



This preview shows how black text looks on a background with the Hex color 9B4D60.



This preview shows how white text looks on a background with the Hex color 9B4D60.

# 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**  
9B4D60

**Protanopia**  
66656E

**Deuteranopia**  
73625C



**Tritanopia**  
9A4F55

# Trichromacy



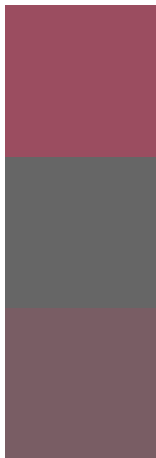
**Original Color**  
9B4D60

**Protanomaly**  
795C69

**Deuteranomaly**  
825A5D

**Tritanomaly**  
9A4E59

# Monochromacy



**Original Color**  
9B4D60

**Achromatopsia**  
666666

**Achromatomaly**  
795D64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B4D60 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 #9B4D60 looks like.

```
.text, #text, p{  
    color:#9B4D60  
}
```

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 #9B4D60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B4D60
}
```

## Border

The CSS property to change the border of an element to Hex 9B4D60 is called "border". The border property can be set on classes, ids or directly on the HTML element.

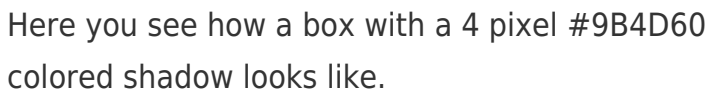
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B4D60 }
```

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

```
.border{ border-color:#9B4D60 }
```

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



Here you see how a box with a 4 pixel #9B4D60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B4D60; -webkit-box-shadow:4px 4px  
4px 4px #9B4D60; box-shadow:4px 4px 4px  
4px #9B4D60 }
```

# Background

The CSS property to change the background color of an element to Hex 9B4D60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B4D60 }
```

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

```
.background{ background-color:#9B4D60 }
```

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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