

# Converting Colors

Hex(9B4B74)

Have a look what the booklet for  
Hex(9B4B74) contains.

<b>Hex(9B4B74)</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(9B4B74)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B4B74
RGB	155, 75, 116
RGB Percent	61%, 29%, 45%
CMY	0.3922, 0.7059, 0.5451
CMYK	0.00, 0.52, 0.25, 0.39
HSL	329°, 35%, 45%
HSV	329°, 52%, 61%
XYZ	19.1860, 13.2617, 18.0715
YIQ	103.5940, 34.5190, 29.7110

# Conversions

## Conversions Part 2

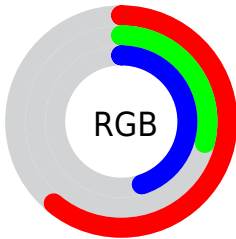
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 75, 116
Decimal	10177396
CIELab	43.15, 38.33, -7.92
CIELCh	43, 39.136, 348.325
Yxy	13.2617, 0.3798, 0.2625
Android (android.graphics.Color)	4288367476 (0xFF9B4B74)
YUV	103.5940, 6.1162, 45.0831
Hunter-Lab	36.4166, 30.3135, -3.9308

# Details

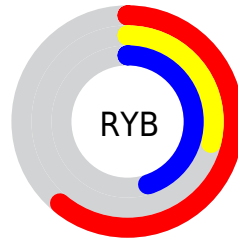
The Hex color **9B4B74** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **4B9B72**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **D37EA8**, and **651844** is the 20% darker color. If you saturate the color by 10%, you get **9B3C6C**, and if you desaturate by 10%, it is **9B5B7C**.

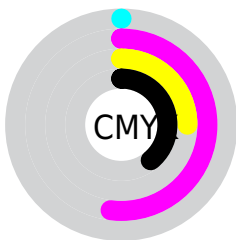
# Distribution



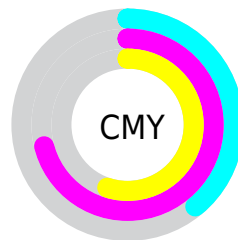
- Red (61%)
- Green (29%)
- Blue (45%)



- Red (61%)
- Yellow (29%)
- Blue (45%)



- Cyan (0%)
- Magenta (52%)
- Yellow (25%)
- Black (39%)



- Cyan (39%)
- Magenta (71%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B4B74 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 9B4B74 by changing the saturation by 10% instead.



 9B4B74

 9B4B74

FFFFFF

 80325B

 D37EA8

 651844

 F099C3

 4B002E

 FFB5DF

 330019

 FFD1FC

 140000

 FFEDFF

 000000

 9B4B74

 9B4B74

 9B3C6C

 9B5B7C

 9B2C65

 9B6A83

 9B1D5D

 9B7A8B

 9B0D56

 9B8992

 9B004F

 9B999A

 9BA8A1

 9BB7A9

 9BC7B0

 9BD6B8

# Harmonies

## Analogous

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



815591



9B4B74



A24A53

# Triad

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



9B4B74



656A25



007496

# Complementary

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



9B4B74



4B9B72

# 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.



007679



9B4B74



3F7139

# Square

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



9B4B74



836024



007558



006DA5

# Rectangle

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



9B4B74



9D503F



007558



00758D



# Sweetspot

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



9B4B74



C9ABBB



724B9B



66545D



E6E6E6



666666



# Same Dimension

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



9B4B74



C94D8D



9B4B4C



4D4549



8C0048



0D0007



# Inverse Universe

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



9B4B74



C94D8D



4B9B9A



4D4549



8C0048

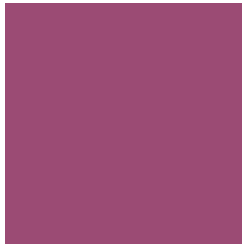


0D0007



# Previews

## White Background



This preview shows how the Hex color 9B4B74 looks on a white background.

## Color Contrast Check

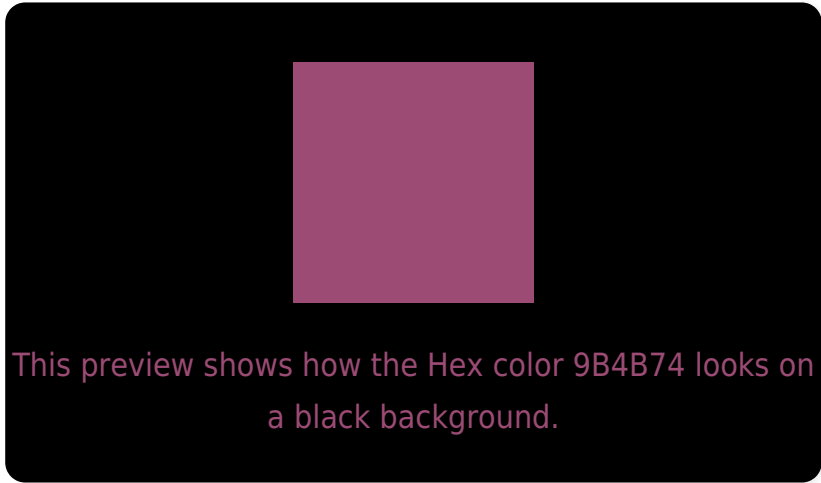
Large Text (above 18pt) WCAG AA ✓ Pass

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

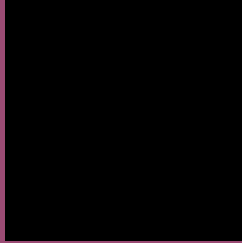
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9B4B74 Background



This preview shows how black text looks on a background with the Hex color 9B4B74.



This preview shows how white text looks on a background with the Hex color 9B4B74.

# 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**  
985157

# Trichromacy



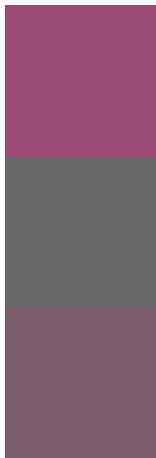
**Original Color**  
9B4B74

**Protanomaly**  
745C7F

**Deuteranomaly**  
7D5B71

**Tritanomaly**  
994F62

# Monochromacy



**Original Color**  
9B4B74

**Achromatopsia**  
686868

**Achromatomaly**  
7B5D6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B4B74 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 #9B4B74 looks like.

```
.text, #text, p{  
    color:#9B4B74  
}
```

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 #9B4B74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B4B74
}
```

## Border

The CSS property to change the border of an element to Hex 9B4B74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

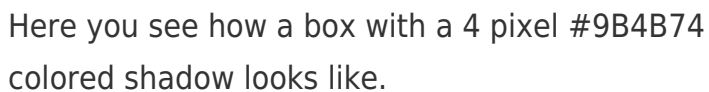
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B4B74 }
```

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

```
.border{ border-color:#9B4B74 }
```

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



Here you see how a box with a 4 pixel #9B4B74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B4B74; -webkit-box-shadow:4px 4px  
4px 4px #9B4B74; box-shadow:4px 4px 4px  
4px #9B4B74 }
```

# Background

The CSS property to change the background color of an element to Hex 9B4B74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B4B74 }
```

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

```
.background{ background-color:#9B4B74 }
```

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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