

# Converting Colors

Hex(9B4D71)

Have a look what the booklet for  
Hex(9B4D71) contains.

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**Color**

**Hex(9B4D71)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 9B4D71                     |
| RGB           | 155, 77, 113               |
| RGB Percent   | 61%, 30%, 44%              |
| CMY           | 0.3922, 0.6980, 0.5569     |
| CMYK          | 0.00, 0.50, 0.27, 0.39     |
| HSL           | 332°, 34%, 45%             |
| HSV           | 332°, 50%, 61%             |
| XYZ           | 19.1521, 13.4686, 17.2131  |
| YIQ           | 104.4260, 34.9320, 27.7320 |

# Conversions

## Conversions Part 2

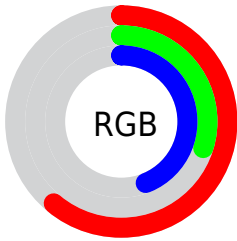
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 155, 77, 113                 |
| Decimal                             | 10177905                     |
| CIE Lab                             | 43.46, 36.83, -5.62          |
| CIE LCh                             | 43, 37.261, 351.320          |
| Yxy                                 | 13.4686, 0.3843,<br>0.2703   |
| Android<br>(android.graphics.Color) | 4288367985<br>(0xFF9B4D71)   |
| YUV                                 | 104.4260, 4.2270,<br>44.3534 |
| Hunter-Lab                          | 36.6996, 28.9281,<br>-2.1189 |

# Details

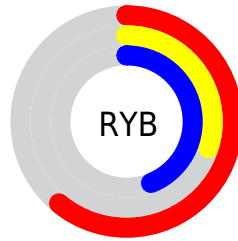
The Hex color **9B4D71** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **4D9B77**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **D380A5**, and **651B41** is the 20% darker color. If you saturate the color by 10%, you get **9B3E69**, and if you desaturate by 10%, it is **9B5D79**.

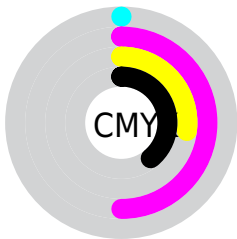
# Distribution



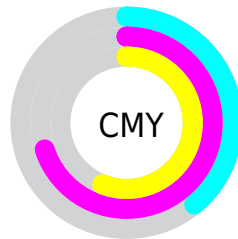
- Red (61%)
- Green (30%)
- Blue (44%)



- Red (61%)
- Yellow (30%)
- Blue (44%)



- Cyan (0%)
- Magenta (50%)
- Yellow (27%)
- Black (39%)



- Cyan (39%)
- Magenta (70%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B4D71 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 9B4D71 by changing the saturation by 10% instead.



 9B4D71

 9B4D71

FFFFFF

 803459

 D380A5

 651B41

 F09BC0

 4B002B

 FFB6DC

 330017

 FFD3F8

 140000

 FFEFFF

 000000

 9B4D71

 9B4D71

 9B3E69

 9B5D79

 9B2E60

 9B6C82

 9B1F58

 9B7B8A

 9B0F50

 9B8B92

 9B0048

 9B9B9B

 9BAAA3

 9BBAAB

 9BC9B4

 9BD8BC

# Harmonies

## Analogous

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



84568E



9B4D71



A04D52

# Triad

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



9B4D71



636C2A



007396

# Complementary

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



9B4D71



4D9B77

# 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.



00767C



9B4D71



3E723F

# Square

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



9B4D71



806228



00765C



006DA3

# Rectangle

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



9B4D71



9B533F



00765C



00758F



# Sweetspot

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



9B4D71



C9ABB9



774D9B



66545C



E6E6E6



666666



# Same Dimension

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



9B4D71



C95188



9B504D



4D4548



8C0041



0D0006



# Inverse Universe

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



9B4D71



C95188



4D989B



4D4548



8C0041

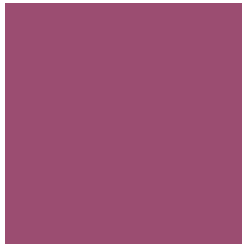


0D0006



# Previews

## White Background



This preview shows how the Hex color 9B4D71 looks on a white background.

## Color Contrast Check

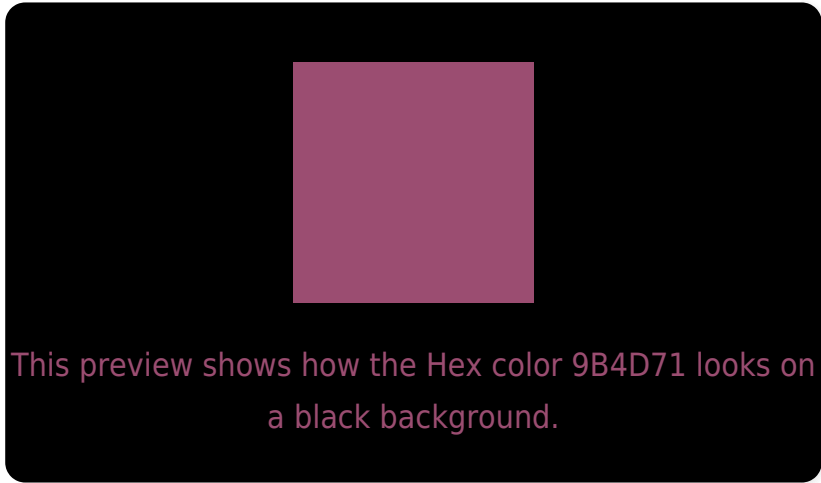
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B4D71 Background



This preview shows how black text looks on a background with the Hex color 9B4D71.




This preview shows how white text looks on a background with the Hex color 9B4D71.

# 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**  
995258

# Trichromacy



**Original Color**  
9B4D71

**Protanomaly**  
765D7C

**Deuteranomaly**  
7F5C6E

**Tritanomaly**  
9A5061

# Monochromacy



**Original Color**  
9B4D71

**Achromatopsia**  
686868

**Achromatomaly**  
7B5E6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B4D71 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 #9B4D71 looks like.

```
.text, #text, p{  
    color:#9B4D71  
}
```

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 #9B4D71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B4D71  
}
```

## Border

The CSS property to change the border of an element to Hex 9B4D71 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  
#9B4D71 }
```

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

```
.border{ border-color:#9B4D71 }
```

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

Here you see how a box with a 4 pixel #9B4D71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B4D71; -webkit-box-shadow:4px 4px  
4px 4px #9B4D71; box-shadow:4px 4px 4px  
4px #9B4D71 }
```

# Background

The CSS property to change the background color of an element to Hex 9B4D71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B4D71 }
```

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

```
.background{ background-color:#9B4D71 }
```

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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