

# Converting Colors

Hex(9B4F77)

Have a look what the booklet for  
Hex(9B4F77) contains.

<b>Hex(9B4F77)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(9B4F77)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B4F77
RGB	155, 79, 119
RGB Percent	61%, 31%, 47%
CMY	0.3922, 0.6902, 0.5333
CMYK	0.00, 0.49, 0.23, 0.39
HSL	328°, 32%, 46%
HSV	328°, 49%, 61%
XYZ	19.6433, 13.8924, 19.0990
YIQ	106.2840, 32.4560, 28.5520

# Conversions

## Conversions Part 2

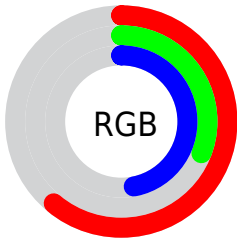
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 79, 119
Decimal	10178423
CIE Lab	44.08, 36.66, -8.37
CIE LCh	44, 37.603, 347.135
Yxy	13.8924, 0.3732, 0.2639
Android (android.graphics.Color)	4288368503 (0xFF9B4F77)
YUV	106.2840, 6.2690, 42.7239
Hunter-Lab	37.2726, 28.8458, -4.2902

# Details

The Hex color **9B4F77** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **4F9B73**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **D382AB**, and **651D47** is the 20% darker color. If you saturate the color by 10%, you get **9B4070**, and if you desaturate by 10%, it is **9B5F7E**.

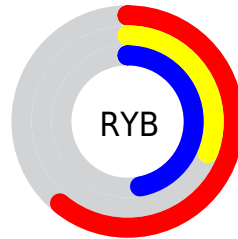
# Distribution



Red (61%)

Green (31%)

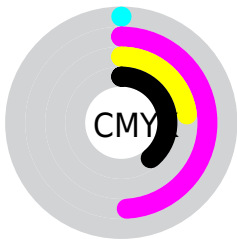
Blue (47%)



Red (61%)

Yellow (31%)

Blue (47%)

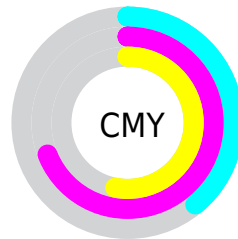


Cyan (0%)

Magenta (49%)

Yellow (23%)

Black (39%)



Cyan (39%)

Magenta (69%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B4F77 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 9B4F77 by changing the saturation by 10% instead.



■ 9B4F77

■ 9B4F77

FFFFFF

■ 80365E

■ D382AB

■ 651D47

■ F09DC6

■ 4C0030

■ FFB9E3

■ 34001C

■ FFD5FF

■ 170000

■ FFF1FF

■ 000000

■ 9B4F77

■ 9B4F77

■ 9B4070

■ 9B5F7E

■ 9B3068

■ 9B6E86

 9B2161

 9B7E8D

 9B115A

 9B8D94

 9B0152

 9B9D9C

 9B0052

 9BACA3

 9BBBAA

 9BCBB2

 9BDBB9

# Harmonies

## Analogous

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



815993



9B4F77



A34E57

# Triad

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



9B4F77



696C29



007695

# Complementary

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



9B4F77



4F9B73

# 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.



00787A



9B4F77



45733C

# Square

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



9B4F77



86622A



007759



006FA5

# Rectangle

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



9B4F77



9F5344



007759



00778D



# Sweetspot

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



9B4F77



C9ABBB



724F9B



66545D



E6E6E6



666666



# Same Dimension

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



9B4F77



C95391



9B4F52



4D4549



8C004A



0D0007



# Inverse Universe

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



9B4F77



C95391



4F9B98



4D4549



8C004A

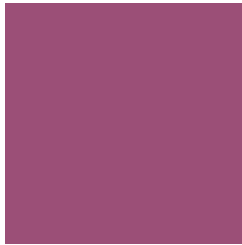


0D0007



# Previews

## White Background



This preview shows how the Hex color 9B4F77 looks on a white background.

## Color Contrast Check

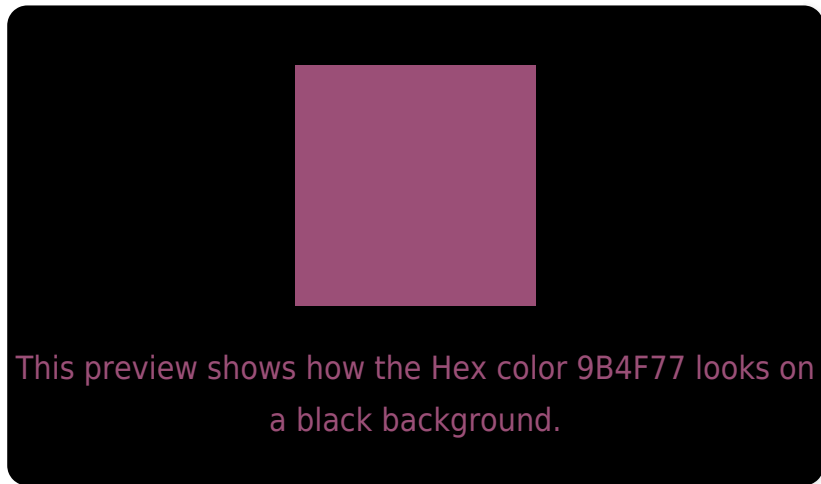
Large Text (above 18pt) WCAG AA ✓ Pass

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

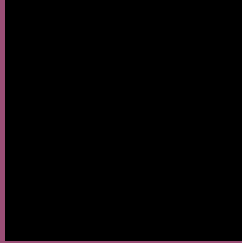
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9B4F77 Background



This preview shows how black text looks on a background with the Hex color 9B4F77.

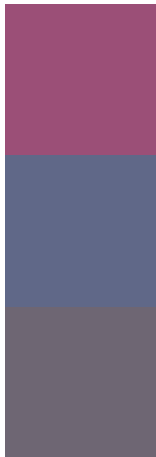


This preview shows how white text looks on a background with the Hex color 9B4F77.

# 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**  
9B4F77

**Protanopia**  
606888

**Deuteranopia**  
6E6673



**Tritanopia**  
98555B

# Trichromacy



**Original Color**  
9B4F77

**Protanomaly**  
755F82

**Deuteranomaly**  
7E5E74

**Tritanomaly**  
995365

# Monochromacy



**Original Color**  
9B4F77

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
7C606F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B4F77 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 #9B4F77 looks like.

```
.text, #text, p{  
    color:#9B4F77  
}
```

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 #9B4F77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B4F77
}
```

## Border

The CSS property to change the border of an element to Hex 9B4F77 is called "border". The border property can be set on classes, ids or directly on the HTML element.

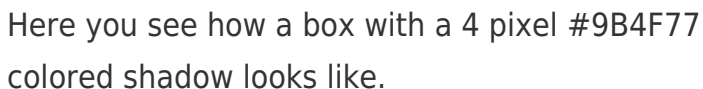
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B4F77 }
```

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

```
.border{ border-color:#9B4F77 }
```

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



Here you see how a box with a 4 pixel #9B4F77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B4F77; -webkit-box-shadow:4px 4px  
4px 4px #9B4F77; box-shadow:4px 4px 4px  
4px #9B4F77 }
```

# Background

The CSS property to change the background color of an element to Hex 9B4F77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B4F77 }
```

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

```
.background{ background-color:#9B4F77 }
```

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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