

# Converting Colors

Hex(904A77)

Have a look what the booklet for  
Hex(904A77) contains.

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**Color**

**Hex(904A77)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	904A77
RGB	144, 74, 119
RGB Percent	56%, 29%, 47%
CMY	0.4353, 0.7098, 0.5333
CMYK	0.00, 0.49, 0.17, 0.44
HSL	321°, 32%, 43%
HSV	321°, 49%, 56%
XYZ	17.2802, 12.1588, 18.8889
YIQ	100.0600, 27.2750, 28.8350

# Conversions

## Conversions Part 2

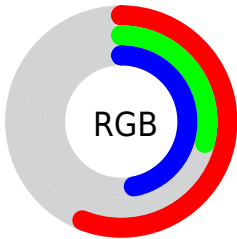
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 74, 119
Decimal	9456247
CIE <sub>Lab</sub>	41.47, 35.55, -12.46
CIE <sub>LCh</sub>	41, 37.669, 340.681
Yxy	12.1588, 0.3576, 0.2516
Android (android.graphics.Color)	4287646327 (0xFF904A77)
YUV	100.0600, 9.3374, 38.5354
Hunter-Lab	34.8694, 27.4373, -7.7090

# Details

The Hex color **904A77** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4A9063**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **C77DAB**, and **5B1947** is the 20% darker color. If you saturate the color by 10%, you get **903C72**, and if you desaturate by 10%, it is **90587C**.

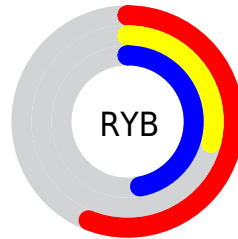
# Distribution



Red (56%)

Green (29%)

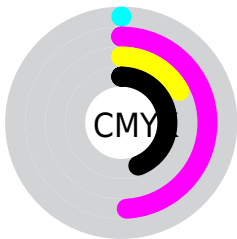
Blue (47%)



Red (56%)

Yellow (29%)

Blue (47%)

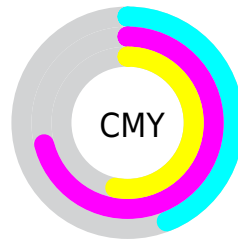


Cyan (0%)

Magenta (49%)

Yellow (17%)

Black (44%)



Cyan (44%)

Magenta (71%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 904A77 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 904A77 by changing the saturation by 10% instead.



 904A77

 904A77

FFFFFF

 75315E

 C77DAB

 5B1947

 E497C7

 420030

 FFB3E3

 2D001C

 FFCFFF

 000000

 FFE8FF

 904A77

 904A77

 903C72

 90587C

 902D6D

 906781

901F68

907586

901062

90848C

90025D

909291

90005D

90A096

90AF9B

90BDA0

90CCA5

# Harmonies

## Analogous

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



725591



904A77



9B4758

# Triad

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



904A77



696421



007089

# Complementary

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



904A77



4A9063

# 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.



00716C



904A77



476B31

# Square

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



904A77



845926



0E704C



006B9C

# Rectangle

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



904A77



994A44



0E704C



007180



# Sweetspot

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



904A77



BA9EB0



624A90



5E4D58



DEDEDE



5E5E5E



# Same Dimension

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



904A77



BA4E94



904A55



474045



870057



080005



# Inverse Universe

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



904A77



BA4E94



4A9085



474045



870057

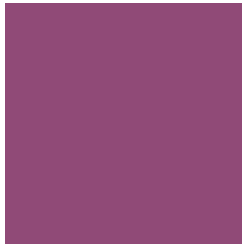


080005



# Previews

## White Background



This preview shows how the Hex color 904A77 looks on a white background.

## Color Contrast Check

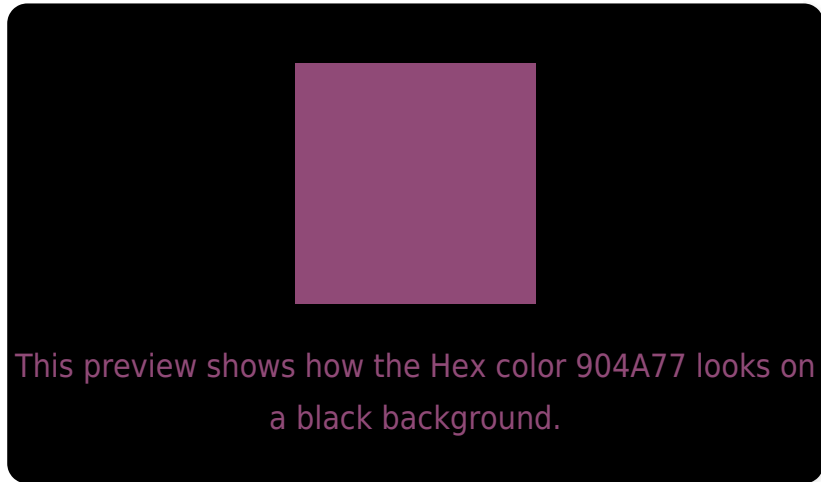
Large Text (above 18pt) WCAG AA ✓ Pass

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

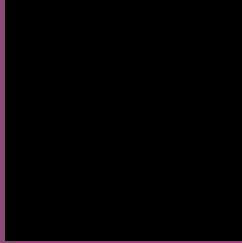
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 904A77 Background



This preview shows how black text looks on a background with the Hex color 904A77.




This preview shows how white text looks on a background with the Hex color 904A77.

# 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**  
8D5157

# Trichromacy



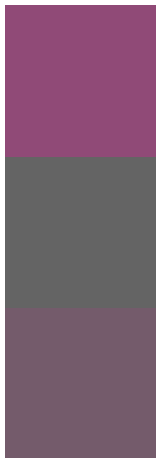
**Original Color**  
904A77

**Protanomaly**  
6C5982

**Deuteranomaly**  
745874

**Tritanomaly**  
8E4E63

# Monochromacy



**Original Color**  
904A77

**Achromatopsia**  
646464

**Achromatomaly**  
745B6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 904A77 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 #904A77 looks like.

```
.text, #text, p{  
    color:#904A77  
}
```

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 #904A77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #904A77  
}
```

## Border

The CSS property to change the border of an element to Hex 904A77 is called "border". The border property can be set on classes, ids or directly on the HTML element.

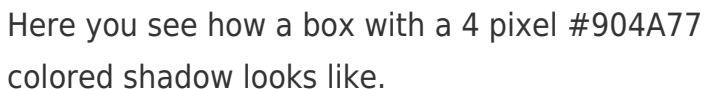
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#904A77 }
```

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

```
.border{ border-color:#904A77 }
```

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



Here you see how a box with a 4 pixel #904A77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #904A77; -webkit-box-shadow:4px 4px  
4px 4px #904A77; box-shadow:4px 4px 4px  
4px #904A77 }
```

# Background

The CSS property to change the background color of an element to Hex 904A77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#904A77 }
```

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

```
.background{ background-color:#904A77 }
```

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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