

# Converting Colors

Hex(904B75)

Have a look what the booklet for  
Hex(904B75) contains.

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# Color

**Hex(904B75)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	904B75
RGB	144, 75, 117
RGB Percent	56%, 29%, 46%
CMY	0.4353, 0.7059, 0.5412
CMYK	0.00, 0.48, 0.19, 0.44
HSL	323°, 32%, 43%
HSV	323°, 48%, 56%
XYZ	17.2286, 12.2458, 18.2853
YIQ	100.4190, 27.6420, 27.6900

# Conversions

## Conversions Part 2

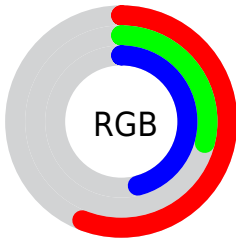
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 75, 117
Decimal	9456501
CIE <sub>Lab</sub>	41.60, 34.68, -11.03
CIE <sub>LCh</sub>	42, 36.387, 342.362
Yxy	12.2458, 0.3607, 0.2564
Android (android.graphics.Color)	4287646581 (0xFF904B75)
YUV	100.4190, 8.1744, 38.2205
Hunter-Lab	34.9940, 26.6412, -6.4847

# Details

The Hex color **904B75** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4B9066**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **C77EA9**, and **5B1A45** is the 20% darker color. If you saturate the color by 10%, you get **903D6F**, and if you desaturate by 10%, it is **90597B**.

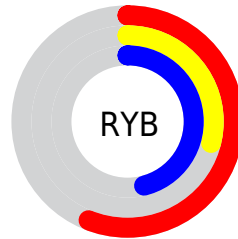
# Distribution



Red (56%)

Green (29%)

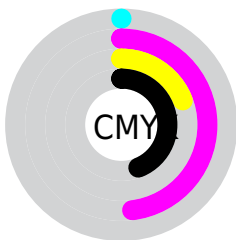
Blue (46%)



Red (56%)

Yellow (29%)

Blue (46%)

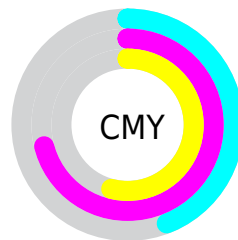


Cyan (0%)

Magenta (48%)

Yellow (19%)

Black (44%)



Cyan (44%)

Magenta (71%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 904B75 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 904B75 by changing the saturation by 10% instead.



 904B75

 904B75

FFFFFF

 75335C

 C77EA9

 5B1A45

 E498C4

 42002E

 FFB4E0

 2D001A

 FFD0FD

 000000

 FFECFF

 904B75

 904B75

 903D6F

 90597B

 902E6A

 906880

902064

907686

90115E

90858C

900359

909391

900058

90A197

90B09C

90BEA2

90CDA8

# Harmonies

## Analogous

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



74558F



904B75



9A4857

# Triad

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



904B75



676425



006F8A

# Complementary

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



904B75



4B9066

# 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.



00716E



904B75



466C34

# Square

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



904B75



825A28



10704F



006A9B

# Rectangle

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



904B75



984C44



10704F



007081



# Sweetspot

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



904B75



BAA0B0



654B90



5E4E58



DEDEDE



5E5E5E



# Same Dimension

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



904B75



BA4E90



904B53



474045



870052



080005



# Inverse Universe

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



904B75



BA4E90



4B9088



474045



870052

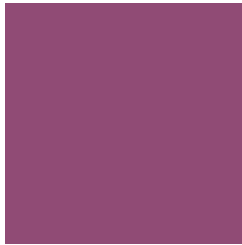


080005



# Previews

## White Background



This preview shows how the Hex color 904B75 looks on a white background.

## Color Contrast Check

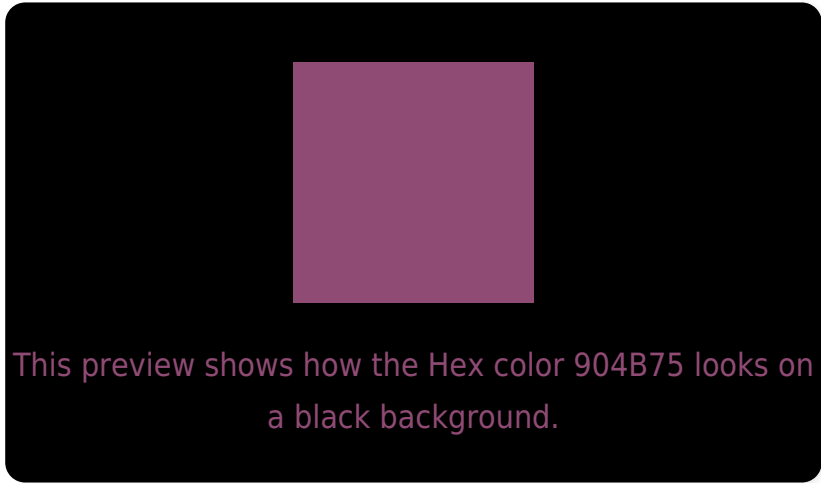
Large Text (above 18pt) WCAG AA ✓ Pass

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

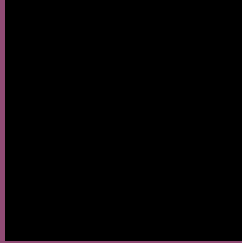
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 904B75 Background



This preview shows how black text looks on a background with the Hex color 904B75.



This preview shows how white text looks on a background with the Hex color 904B75.

# 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



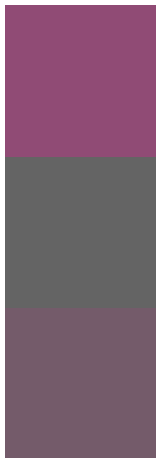
**Original Color**  
904B75

**Protanomaly**  
6D597F

**Deuteranomaly**  
755872

**Tritanomaly**  
8E4F62

# Monochromacy



**Original Color**  
904B75

**Achromatopsia**  
646464

**Achromatomaly**  
745B6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 904B75 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 #904B75 looks like.

```
.text, #text, p{  
    color:#904B75  
}
```

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 #904B75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #904B75  
}
```

## Border

The CSS property to change the border of an element to Hex 904B75 is called "border". The border property can be set on classes, ids or directly on the HTML element.

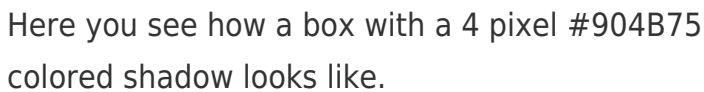
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#904B75 }
```

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

```
.border{ border-color:#904B75 }
```

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



Here you see how a box with a 4 pixel #904B75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #904B75; -webkit-box-shadow:4px 4px  
4px 4px #904B75; box-shadow:4px 4px 4px  
4px #904B75 }
```

# Background

The CSS property to change the background color of an element to Hex 904B75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#904B75 }
```

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

```
.background{ background-color:#904B75 }
```

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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