

# Converting Colors

Hex(904878)

Have a look what the booklet for  
Hex(904878) contains.

<b>Hex(904878)</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(904878)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	904878
RGB	144, 72, 120
RGB Percent	56%, 28%, 47%
CMY	0.4353, 0.7176, 0.5294
CMYK	0.00, 0.50, 0.17, 0.44
HSL	320°, 33%, 42%
HSV	320°, 50%, 56%
XYZ	17.2091, 11.9201, 19.1631
YIQ	99.0000, 27.5040, 30.1920

# Conversions

## Conversions Part 2

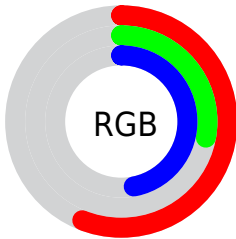
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 72, 120
Decimal	9455736
CIE <sub>Lab</sub>	41.09, 36.79, -13.65
CIE <sub>LCh</sub>	41, 39.242, 339.642
Yxy	11.9201, 0.3564, 0.2468
Android (android.graphics.Color)	4287645816 (0xFF904878)
YUV	99.0000, 10.3530, 39.4650
Hunter-Lab	34.5255, 28.5532, -8.7406

# Details

The Hex color **904878** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **489060**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **C77BAC**, and **5B1647** is the 20% darker color. If you saturate the color by 10%, you get **903A73**, and if you desaturate by 10%, it is **90567D**.

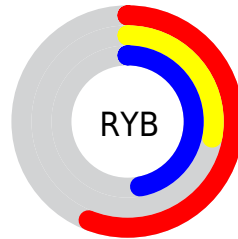
# Distribution



Red (56%)

Green (28%)

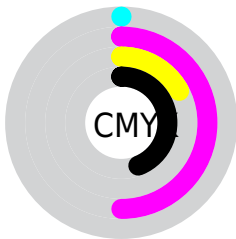
Blue (47%)



Red (56%)

Yellow (28%)

Blue (47%)

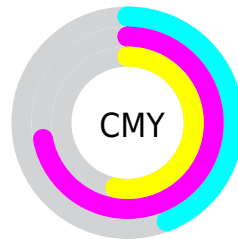


Cyan (0%)

Magenta (50%)

Yellow (17%)

Black (44%)



Cyan (44%)

Magenta (72%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 904878 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 904878 by changing the saturation by 10% instead.



904878

904878

FFFFFF

752F5F

C77BAC

5B1647

E495C8

420031

FFB1E4

2D001C

FFCDFD

000000

FFE9FF

904878

904878

903A73

90567D

902B6E

906582

 901D6A

 907386

 900E65

 90828B

 900060

 909090

 909E95

 90AD9A

 90BB9E

 90CAA3

# Harmonies

## Analogous

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



705493



904878



9C4458

# Triad

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



904878



69631D



006F89

# Complementary

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



904878



489060

# 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.



00716B



904878



466B2D

# Square

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



904878



845723



046F49



006A9D

# Rectangle

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



904878



9A4843



046F49



007080



# Sweetspot

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



904878



BA9EB1



604890



5E4D59



DEDEDE



5E5E5E



# Same Dimension

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



904878



BA4A95



904854



474045



87005A



080005



# Inverse Universe

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



904878



BA4A95



489084



474045



87005A

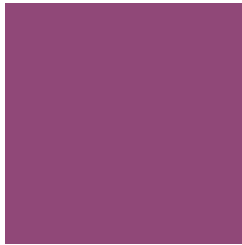


080005



# Previews

## White Background



This preview shows how the Hex color 904878 looks on a white background.

## Color Contrast Check

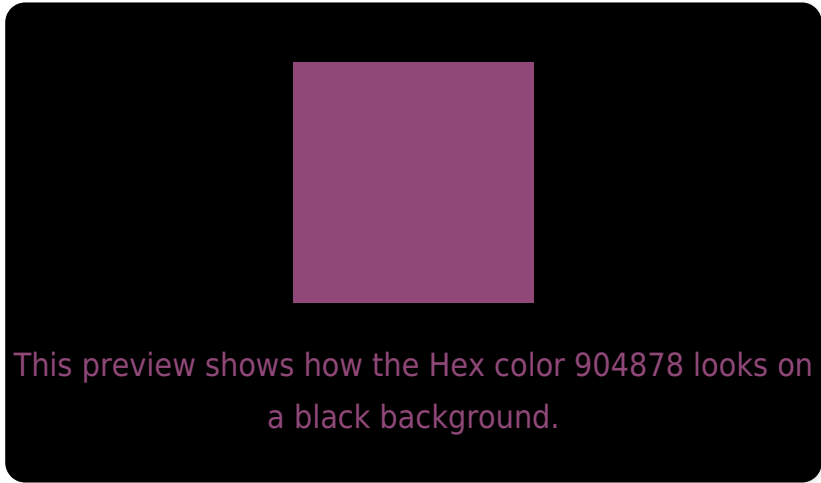
Large Text (above 18pt) WCAG AA ✓ Pass

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

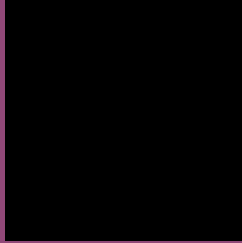
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 904878 Background



This preview shows how black text looks on a background with the Hex color 904878.



This preview shows how white text looks on a background with the Hex color 904878.

# 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](#).

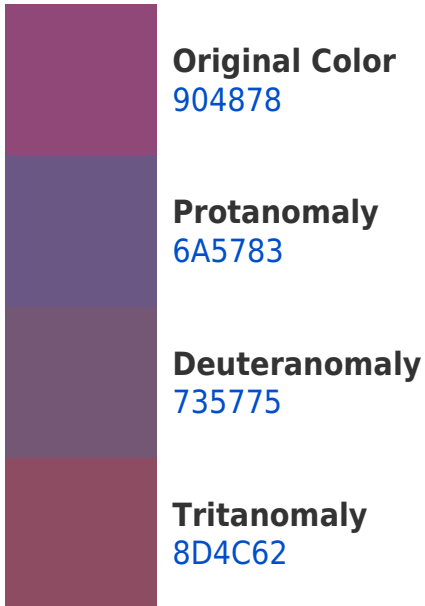
## Dichromacy



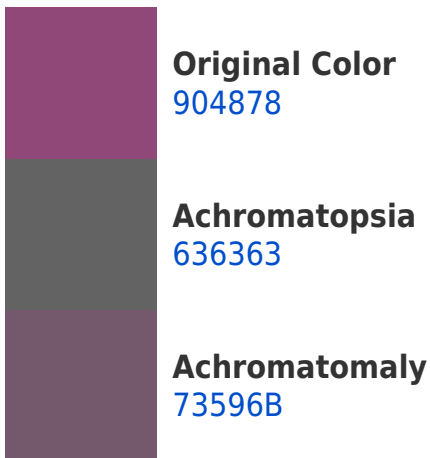


**Tritanopia**  
8C4F55

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 904878 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 #904878 looks like.

```
.text, #text, p{  
    color:#904878  
}
```

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 #904878 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #904878  
}
```

## Border

The CSS property to change the border of an element to Hex 904878 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  
#904878 }
```

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

```
.border{ border-color:#904878 }
```

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

Here you see how a box with a 4 pixel #904878 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #904878; -webkit-box-shadow:4px 4px  
4px 4px #904878; box-shadow:4px 4px 4px  
4px #904878 }
```

# Background

The CSS property to change the background color of an element to Hex 904878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#904878 }
```

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

```
.background{ background-color:#904878 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor