

# Converting Colors

Hex(9D4A8E)

Have a look what the booklet for  
Hex(9D4A8E) contains.

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# Color

**Hex(9D4A8E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D4A8E
RGB	157, 74, 142
RGB Percent	62%, 29%, 56%
CMY	0.3843, 0.7098, 0.4431
CMYK	0.00, 0.53, 0.10, 0.38
HSL	311°, 36%, 45%
HSV	311°, 53%, 62%
XYZ	21.2359, 14.0187, 27.1778
YIQ	106.5690, 27.6400, 38.7440

# Conversions

## Conversions Part 2

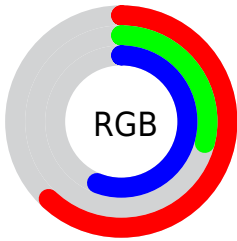
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	157, 74, 142
Decimal	10308238
CIE <sub>Lab</sub>	44.26, 43.66, -22.03
CIE <sub>LCh</sub>	44, 48.902, 333.225
Yxy	14.0187, 0.3401, 0.2245
Android (android.graphics.Color)	4288498318 (0xFF9D4A8E)
YUV	106.5690, 17.4675, 44.2280
Hunter-Lab	37.4415, 35.7182, -16.8280

# Details

The Hex color **9D4A8E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4A9D59**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **D57EC4**, and **67155B** is the 20% darker color. If you saturate the color by 10%, you get **9D3A8B**, and if you desaturate by 10%, it is **9D5A91**.

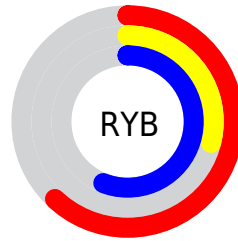
# Distribution



Red (62%)

Green (29%)

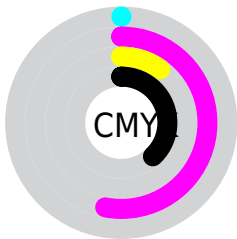
Blue (56%)



Red (62%)

Yellow (29%)

Blue (56%)

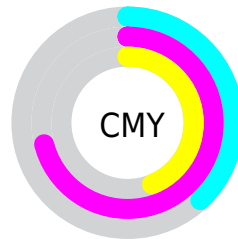


Cyan (0%)

Magenta (53%)

Yellow (10%)

Black (38%)



Cyan (38%)

Magenta (71%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D4A8E 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 9D4A8E by changing the saturation by 10% instead.



 9D4A8E

 9D4A8E

FFFFFF

 823074

 D57EC4

 67155B

 F299E0

 4D0044

 FF5FD

 35002D

 FFD1FF

 1B0018

 FFEDFF

 000000

 9D4A8E

 9D4A8E

 9D3A8B

 9D5A91

 9D2B88

 9D6994

 9D1B85

 9D7997

 9D0B83

 9D8999

 9D0081

 9D999C

 9DA89F

 9DB8A2

 9DC8A5

 9DD7A8

# Harmonies

## Analogous

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



6F5CAD



9D4A8E



B14166

# Triad

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



9D4A8E



796809



007B94

# Complementary

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



9D4A8E



4A9D59

# 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.



007C6C



9D4A8E



4F731E

# Square

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



9D4A8E



9A591D



007942



0076B1

# Rectangle

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



9D4A8E



B1444B



007942



007C88



# Sweetspot

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



9D4A8E



CCABC6



584A9D



665362



E6E6E6



666666



# Same Dimension

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



9D4A8E



CC4BB5



9D4A66



4F474E



8F0075



0F000D



# Inverse Universe

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



9D4A8E



CC4BB5



4A9D81



4F474E



8F0075

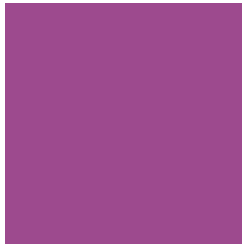


0F000D



# Previews

## White Background



This preview shows how the Hex color 9D4A8E looks on a white background.

## Color Contrast Check

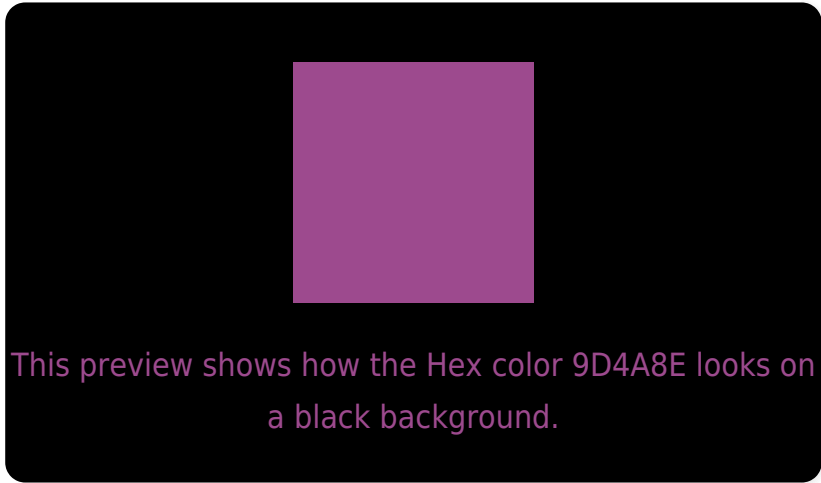
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D4A8E Background



This preview shows how black text looks on a background with the Hex color 9D4A8E.

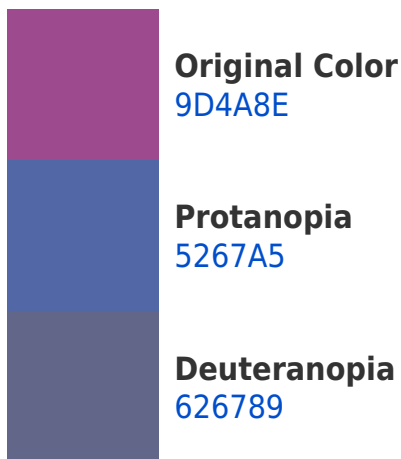



This preview shows how white text looks on a background with the Hex color 9D4A8E.

# 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](#).

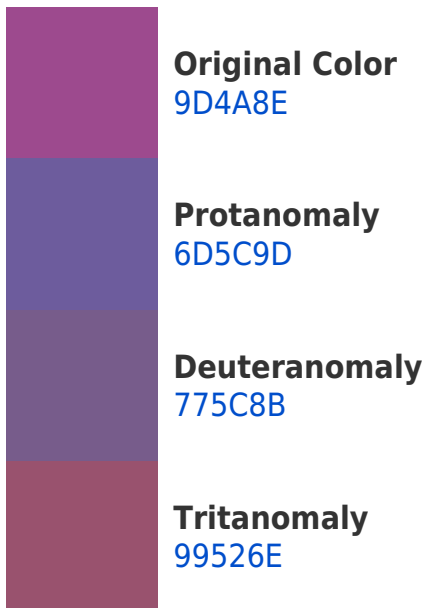
## Dichromacy



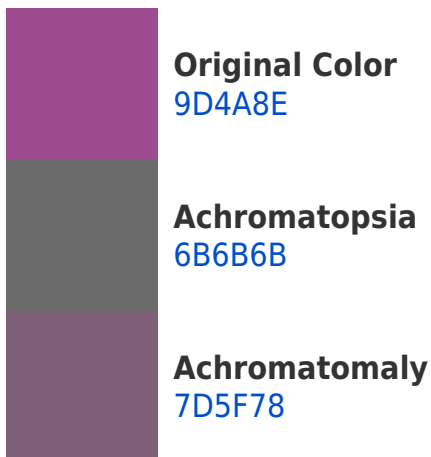


**Tritanopia**  
97565C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D4A8E 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 #9D4A8E looks like.

```
.text, #text, p{  
    color:#9D4A8E  
}
```

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 #9D4A8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D4A8E
}
```

## Border

The CSS property to change the border of an element to Hex 9D4A8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

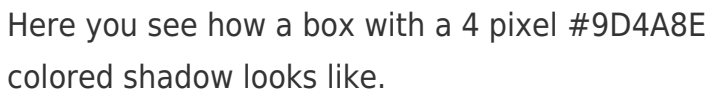
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D4A8E }
```

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

```
.border{ border-color:#9D4A8E }
```

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



Here you see how a box with a 4 pixel #9D4A8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D4A8E; -webkit-box-shadow:4px 4px  
4px 4px #9D4A8E; box-shadow:4px 4px 4px  
4px #9D4A8E }
```

# Background

The CSS property to change the background color of an element to Hex 9D4A8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D4A8E }
```

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

```
.background{ background-color:#9D4A8E }
```

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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