

# Converting Colors

Hex(9D608B)

Have a look what the booklet for  
Hex(9D608B) contains.

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# Color

**Hex(9D608B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D608B
RGB	157, 96, 139
RGB Percent	62%, 38%, 55%
CMY	0.3843, 0.6235, 0.4549
CMYK	0.00, 0.39, 0.11, 0.38
HSL	318°, 24%, 50%
HSV	318°, 39%, 62%
XYZ	22.7477, 17.3979, 26.5853
YIQ	119.1410, 22.5530, 26.3050

# Conversions

## Conversions Part 2

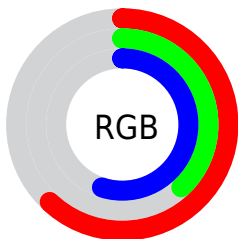
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 96, 139
Decimal	10313867
CIE <sub>Lab</sub>	48.76, 31.31, -13.35
CIE <sub>LCh</sub>	49, 34.036, 336.901
Yxy	17.3979, 0.3409, 0.2607
Android (android.graphics.Color)	4288503947 (0xFF9D608B)
YUV	119.1410, 9.7905, 33.2023
Hunter-Lab	41.7108, 24.3541, -8.5922

# Details

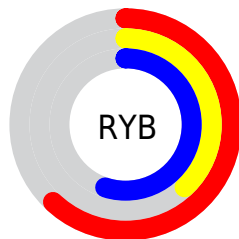
The Hex color **9D608B** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **609D72**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **D594C1**, and **682F59** is the 20% darker color. If you saturate the color by 10%, you get **9D5086**, and if you desaturate by 10%, it is **9D7090**.

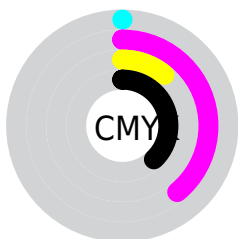
# Distribution



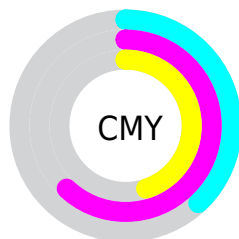
- Red (62%)
- Green (38%)
- Blue (55%)



- Red (62%)
- Yellow (38%)
- Blue (55%)



- Cyan (0%)
- Magenta (39%)
- Yellow (11%)
- Black (38%)



- Cyan (38%)
- Magenta (62%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D608B 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 9D608B by changing the saturation by 10% instead.



 9D608B

 9D608B

FFFFFF

 824771

 D594C1

 682F59

 F1AFDC

 4F1841

 FFCAF9

 37002B

 FFE7FF

 230017

 000000

 9D608B

 9D608B

 9D5086

 9D7090

 9D4182

 9D7F94

 9D317D

 9D8F99

 9D2178

 9D9F9E

 9D1174

 9DAFA2

 9D026F

 9DBEA7

 9D006F

 9DCEAB

 9DDEB0

 9DEDB5

# Harmonies

## Analogous

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



7F6AA2



9D608B



AA5C6E

# Triad

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



9D608B



7F7439



008296

# Complementary

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



9D608B



609D72

# 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.



00837A



9D608B



617C44

# Square

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



9D608B



986A3F



3B815C



007DA8

# Rectangle

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



9D608B



AA5E5B



3B815C



00828D



# Sweetspot

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



9D608B



CCB4C5



71609D



665862



E6E6E6



666666



# Same Dimension

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



9D608B



CC6CB0



9D606D



4F474D



8F0065



0F000B



# Inverse Universe

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



9D608B



CC6CB0



609D90



4F474D



8F0065

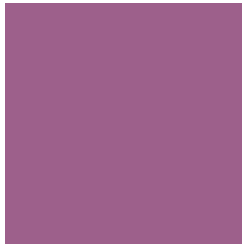


0F000B



# Previews

## White Background



This preview shows how the Hex color 9D608B looks on a white background.

## Color Contrast Check

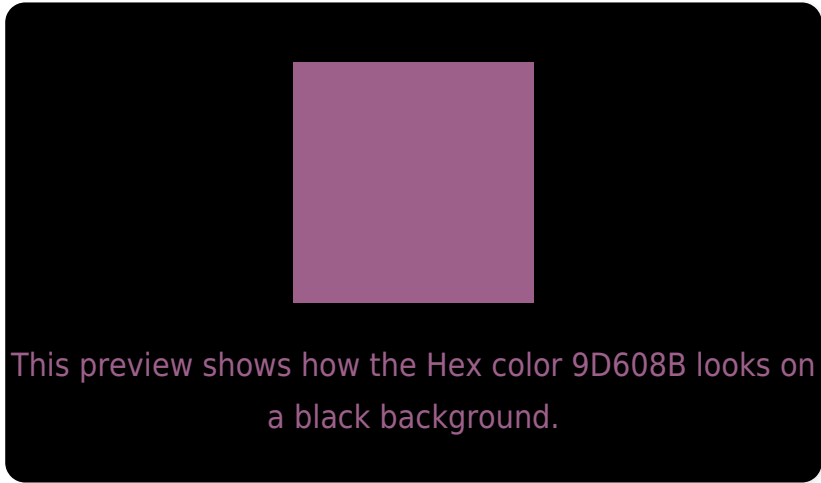
Large Text (above 18pt) WCAG AA ✓ Pass

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

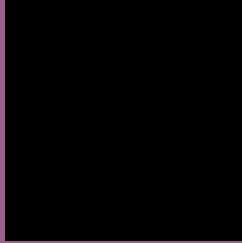
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9D608B Background



This preview shows how black text looks on a background with the Hex color 9D608B.



This preview shows how white text looks on a background with the Hex color 9D608B.

# 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**  
9D608B

**Protanopia**  
6A7398

**Deuteranopia**  
767188



**Tritanopia**  
9A666D

# Trichromacy



**Original Color**  
9D608B

**Protanomaly**  
7D6C93

**Deuteranomaly**  
846B89

**Tritanomaly**  
9B6478

# Monochromacy



**Original Color**  
9D608B

**Achromatopsia**  
777777

**Achromatomaly**  
856F7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D608B 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 #9D608B looks like.

```
.text, #text, p{  
    color:#9D608B  
}
```

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 #9D608B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D608B
}
```

## Border

The CSS property to change the border of an element to Hex 9D608B is called "border". The border property can be set on classes, ids or directly on the HTML element.

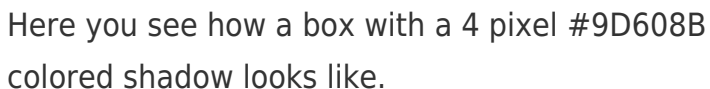
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D608B }
```

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

```
.border{ border-color:#9D608B }
```

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



Here you see how a box with a 4 pixel #9D608B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D608B; -webkit-box-shadow:4px 4px  
4px 4px #9D608B; box-shadow:4px 4px 4px  
4px #9D608B }
```

# Background

The CSS property to change the background color of an element to Hex 9D608B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D608B }
```

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

```
.background{ background-color:#9D608B }
```

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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