

# Converting Colors

Hex(9C688D)

Have a look what the booklet for  
Hex(9C688D) contains.

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# Color

**Hex(9C688D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C688D
RGB	156, 104, 141
RGB Percent	61%, 41%, 55%
CMY	0.3882, 0.5922, 0.4471
CMYK	0.00, 0.33, 0.10, 0.39
HSL	317°, 21%, 51%
HSV	317°, 33%, 61%
XYZ	23.4683, 18.8916, 27.6088
YIQ	123.7660, 19.1150, 22.5310

# Conversions

## Conversions Part 2

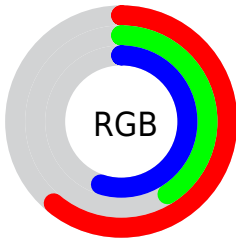
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 104, 141
Decimal	10250381
CIE <sub>Lab</sub>	50.56, 26.78, -11.83
CIE <sub>LCh</sub>	51, 29.277, 336.169
Yxy	18.8916, 0.3354, 0.2700
Android (android.graphics.Color)	4288440461 (0xFF9C688D)
YUV	123.7660, 8.4964, 28.2692
Hunter-Lab	43.4645, 20.3168, -7.2361

# Details

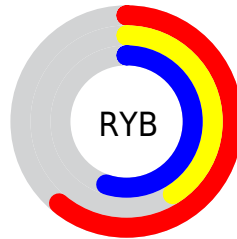
The Hex color **9C688D** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **689C77**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **D39CC3**, and **68385B** is the 20% darker color. If you saturate the color by 10%, you get **9C5888**, and if you desaturate by 10%, it is **9C7892**.

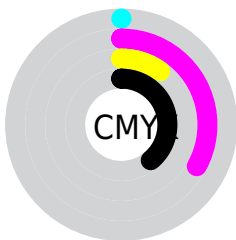
# Distribution



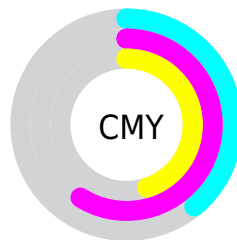
- Red (61%)
- Green (41%)
- Blue (55%)



- Red (61%)
- Yellow (41%)
- Blue (55%)



- Cyan (0%)
- Magenta (33%)
- Yellow (10%)
- Black (39%)



- Cyan (39%)
- Magenta (59%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C688D 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 9C688D by changing the saturation by 10% instead.



 9C688D

 9C688D

FFFFFF

 814F73

 D39CC3

 68385B

 F0B7DF

 4F2143

 FFD3FB

 37092D

 FFEFFF

 240019

 000000

 9C688D

 9C688D

 9C5888

 9C7892

 9C4984

 9C8796

 9C397F

 9C979B

 9C2A7B

 9CA69F

 9C1A76

 9CB6A4

 9C0A72

 9CC6A8

 9C006F

 9CD5AD

 9CE5B1

 9CF4B6

# Harmonies

## Analogous

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



8270A1



9C688D



A86574

# Triad

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



9C688D



847946



0A8595

# Complementary

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



9C688D



689C77

# 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.



27867D



9C688D



69804F

# Square

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



9C688D



99704B



4A8463



3080A5

# Rectangle

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



9C688D



A96664



4A8463



0E858D



# Sweetspot

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



9C688D



CCB8C6



77689C



665A62



E6E6E6



666666



# Same Dimension

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



9C688D



CC7AB4



9C6873



4F474D



8F0066



0F000B



# Inverse Universe

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



9C688D



CC7AB4



689C91



4F474D



8F0066

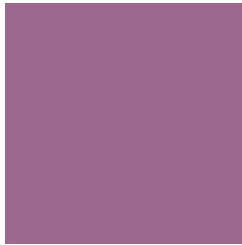


0F000B



# Previews

## White Background



This preview shows how the Hex color 9C688D looks on a white background.

## Color Contrast Check

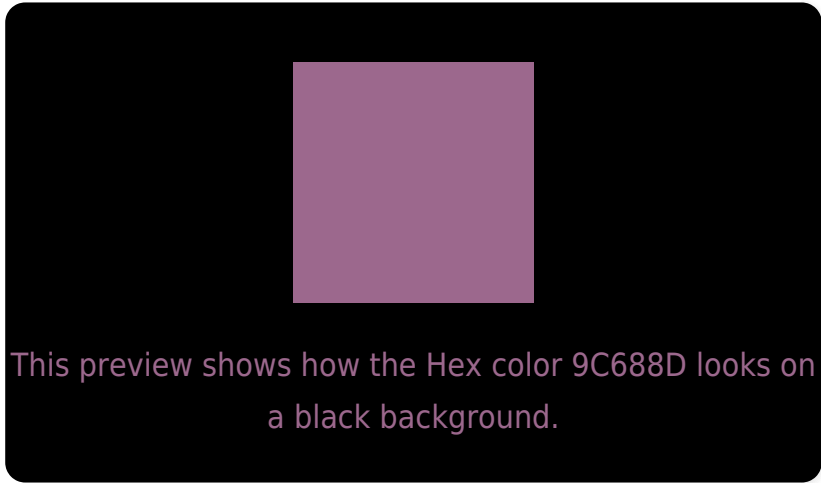
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

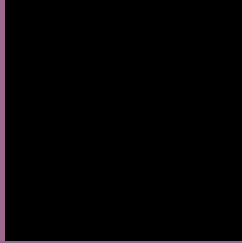
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9C688D Background



This preview shows how black text looks on a background with the Hex color 9C688D.




This preview shows how white text looks on a background with the Hex color 9C688D.

# 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**  
996D75

# Trichromacy



**Original Color**  
9C688D

**Protanomaly**  
817294

**Deuteranomaly**  
88718B

**Tritanomaly**  
9A6B7E

# Monochromacy



**Original Color**  
9C688D

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
887582

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C688D 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 #9C688D looks like.

```
.text, #text, p{  
    color:#9C688D  
}
```

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 #9C688D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C688D
}
```

## Border

The CSS property to change the border of an element to Hex 9C688D is called "border". The border property can be set on classes, ids or directly on the HTML element.

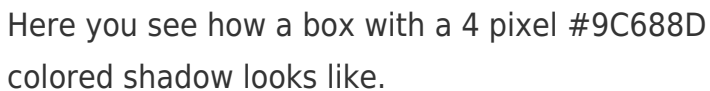
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C688D }
```

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

```
.border{ border-color:#9C688D }
```

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



Here you see how a box with a 4 pixel #9C688D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C688D; -webkit-box-shadow:4px 4px  
4px 4px #9C688D; box-shadow:4px 4px 4px  
4px #9C688D }
```

# Background

The CSS property to change the background color of an element to Hex 9C688D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C688D }
```

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

```
.background{ background-color:#9C688D }
```

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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