

# Converting Colors

Hex(9F686C)

Have a look what the booklet for  
Hex(9F686C) contains.

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**Color**

**Hex(9F686C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F686C
RGB	159, 104, 108
RGB Percent	62%, 41%, 42%
CMY	0.3765, 0.5922, 0.5765
CMYK	0.00, 0.35, 0.32, 0.38
HSL	356°, 22%, 52%
HSV	356°, 35%, 62%
XYZ	21.9552, 18.3543, 16.5729
YIQ	120.9010, 31.4960, 12.9040

# Conversions

## Conversions Part 2

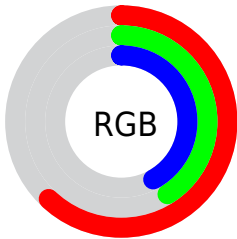
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 104, 108
Decimal	10446956
CIE <sub>Lab</sub>	49.92, 22.64, 6.88
CIE <sub>LCh</sub>	50, 23.657, 16.896
Yxy	18.3543, 0.3860, 0.3227
Android (android.graphics.Color)	4288637036 (0xFF9F686C)
YUV	120.9010, -6.3602, 33.4128
Hunter-Lab	42.8419, 16.5025, 7.0536

# Details

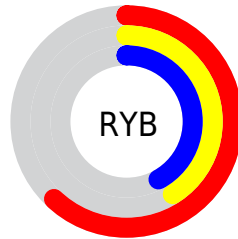
The Hex color **9F686C** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **689F9B**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **D79C9F**, and **6A383D** is the 20% darker color. If you saturate the color by 10%, you get **9F585D**, and if you desaturate by 10%, it is **9F787B**.

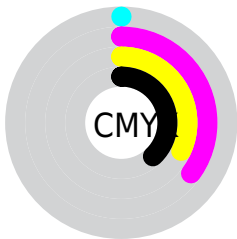
# Distribution



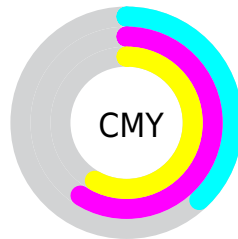
- Red (62%)
- Green (41%)
- Blue (42%)



- Red (62%)
- Yellow (41%)
- Blue (42%)



- Cyan (0%)
- Magenta (35%)
- Yellow (32%)
- Black (38%)



- Cyan (38%)
- Magenta (59%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F686C 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 9F686C by changing the saturation by 10% instead.



 9F686C

 9F686C

FFFFFF

 844F54

 D79C9F

 6A383D

 F4B7BA

 502127

 FFD3D6

 380B13

 FFEFF2

 240001

 000000

 9F686C

 9F686C

 9F585D

 9F787B

 9F484F

 9F8889

 9F3840

 9F9898

 9F2831

 9FA8A7

 9F1922

 9FB8B6

 9F0914

 9FC7C4

 9F000C

 9FD7D3

 9FE7E2

 9FF7F1

# Harmonies

## Analogous

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



996980



9F686C



9A6C5A

# Triad

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



9F686C



627E5B



4F7B9D

# Complementary

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



9F686C



689F9B

# 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.



388093



9F686C



4B816D

# Square

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



9F686C



797950



388282



6D759D

# Rectangle

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



9F686C



927052



388282



467D9B



# Sweetspot

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



9F686C



CFBABB



9A689F



695C5D



E8E8E8



696969



# Same Dimension

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



9F686C



CF787E



9F7F68



4F4748



8F000A



0F0001



# Inverse Universe

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



9F686C



CF787E



68889F



4F4748



8F000A

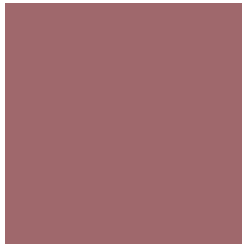


0F0001



# Previews

## White Background



This preview shows how the Hex color 9F686C looks on a white background.

## Color Contrast Check

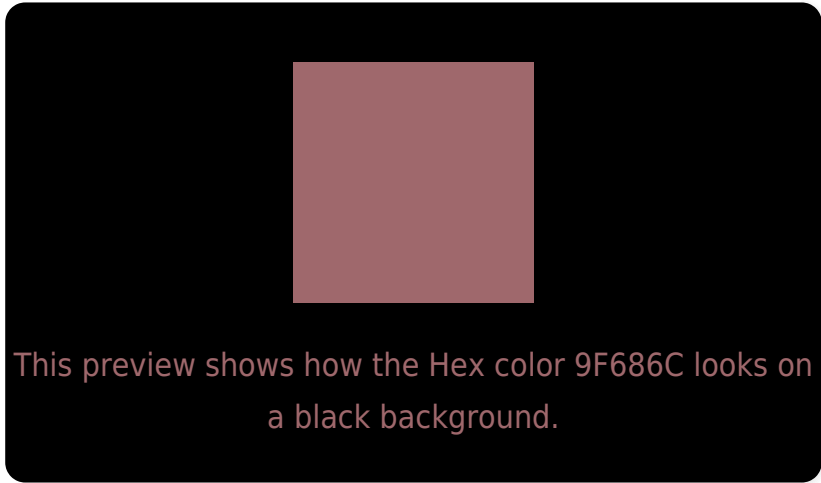
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 9F686C Background



This preview shows how black text looks on a background with the Hex color 9F686C.



This preview shows how white text looks on a background with the Hex color 9F686C.

# 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**  
9F686C

**Protanopia**  
7A7774

**Deuteranopia**  
87736A



**Tritanopia**  
9F676F

# Trichromacy



**Original Color**  
9F686C

**Protanomaly**  
877271

**Deuteranomaly**  
906F6B

**Tritanomaly**  
9F676E

# Monochromacy



**Original Color**  
9F686C

**Achromatopsia**  
797979

**Achromatomaly**  
877374

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F686C 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 #9F686C looks like.

```
.text, #text, p{  
    color:#9F686C  
}
```

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 #9F686C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F686C
}
```

## Border

The CSS property to change the border of an element to Hex 9F686C is called "border". The border property can be set on classes, ids or directly on the HTML element.

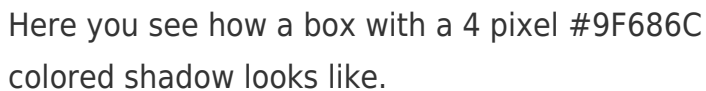
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F686C }
```

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

```
.border{ border-color:#9F686C }
```

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



Here you see how a box with a 4 pixel #9F686C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F686C; -webkit-box-shadow:4px 4px  
4px 4px #9F686C; box-shadow:4px 4px 4px  
4px #9F686C }
```

# Background

The CSS property to change the background color of an element to Hex 9F686C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F686C }
```

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

```
.background{ background-color:#9F686C }
```

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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