

# Converting Colors

Hex(9F6770)

Have a look what the booklet for  
Hex(9F6770) contains.

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**Color**

**Hex(9F6770)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F6770
RGB	159, 103, 112
RGB Percent	62%, 40%, 44%
CMY	0.3765, 0.5961, 0.5608
CMYK	0.00, 0.35, 0.30, 0.38
HSL	350°, 23%, 51%
HSV	350°, 35%, 62%
XYZ	22.0730, 18.2413, 17.6868
YIQ	120.7700, 30.4870, 14.6710

# Conversions

## Conversions Part 2

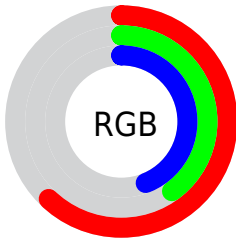
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 103, 112
Decimal	10446704
CIE <sub>Lab</sub>	49.79, 23.77, 4.30
CIE <sub>LCh</sub>	50, 24.154, 10.258
Yxy	18.2413, 0.3806, 0.3145
Android (android.graphics.Color)	4288636784 (0xFF9F6770)
YUV	120.7700, -4.3236, 33.5277
Hunter-Lab	42.7098, 17.5088, 5.3440

# Details

The Hex color **9F6770** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **679F96**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **D79BA4**, and **6A3740** is the 20% darker color. If you saturate the color by 10%, you get **9F5763**, and if you desaturate by 10%, it is **9F777D**.

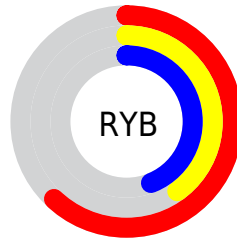
# Distribution



Red (62%)

Green (40%)

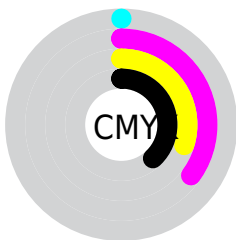
Blue (44%)



Red (62%)

Yellow (40%)

Blue (44%)

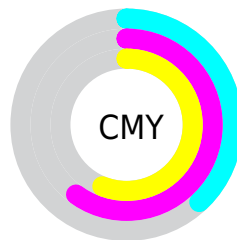


Cyan (0%)

Magenta (35%)

Yellow (30%)

Black (38%)



Cyan (38%)

Magenta (60%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F6770 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 9F6770 by changing the saturation by 10% instead.



9F6770

9F6770

FFFFFF

844E58

D79BA4

6A3740

F4B6BF

50202A

FFD2DA

380916

FFEEF7

250001

000000

9F6770

9F6770

9F5763

9F777D

9F4755

9F878B

 9F3748

 9F9798

 9F273B

 9FA7A5

 9F172D

 9FB7B3

 9F0820

 9FC6C0

 9F001A

 9FD6CD

 9FE6DB

 9FF6E8

# Harmonies

## Analogous

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



966985



9F6770



9C6A5D

# Triad

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



9F6770



677D57



477C9C

# Complementary

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



9F6770



679F96

# 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.



338090



9F6770



4F8168

# Square

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



9F6770



7E774E



39827D



66769F

# Rectangle

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



9F6770



956E53



39827D



3E7E99



# Sweetspot

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



9F6770



CFB8BB



96679F



695B5D



E8E8E8



696969



# Same Dimension

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



9F6770



CF7886



9F7A67



4F4748



8F0017



0F0002



# Inverse Universe

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



9F6770



CF7886



678C9F



4F4748



8F0017

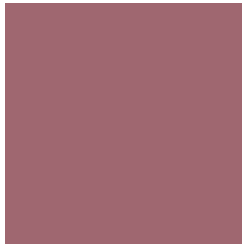


0F0002



# Previews

## White Background



This preview shows how the Hex color 9F6770 looks on a white background.

## Color Contrast Check

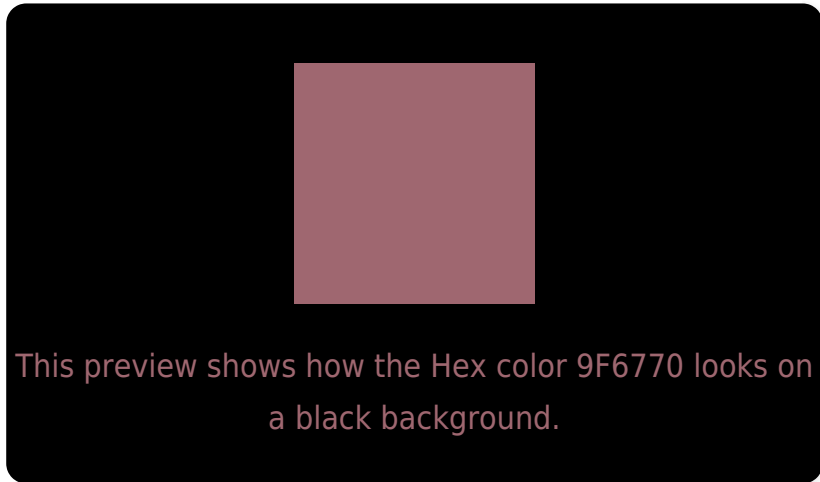
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F6770 Background



This preview shows how black text looks on a background with the Hex color 9F6770.



This preview shows how white text looks on a background with the Hex color 9F6770.

# 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**  
9F6770

**Protanopia**  
787679

**Deuteranopia**  
86736E



**Tritanopia**  
9F676F

# Trichromacy



**Original Color**  
9F6770

**Protanomaly**  
867176

**Deuteranomaly**  
8F6F6F

**Tritanomaly**  
9F676F

# Monochromacy



**Original Color**  
9F6770

**Achromatopsia**  
797979

**Achromatomaly**  
877276

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F6770 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 #9F6770 looks like.

```
.text, #text, p{  
    color:#9F6770  
}
```

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 #9F6770 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F6770  
}
```

## Border

The CSS property to change the border of an element to Hex 9F6770 is called "border". The border property can be set on classes, ids or directly on the HTML element.

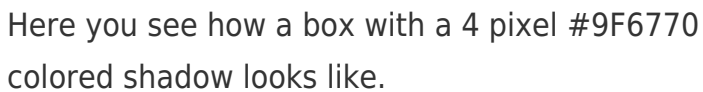
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9F6770 }
```

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

```
.border{ border-color:#9F6770 }
```

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



Here you see how a box with a 4 pixel #9F6770 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F6770; -webkit-box-shadow:4px 4px  
4px 4px #9F6770; box-shadow:4px 4px 4px  
4px #9F6770 }
```

# Background

The CSS property to change the background color of an element to Hex 9F6770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F6770 }
```

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

```
.background{ background-color:#9F6770 }
```

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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