

# Converting Colors

Hex(9D6770)

Have a look what the booklet for  
Hex(9D6770) contains.

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**Color**

**Hex(9D6770)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D6770
RGB	157, 103, 112
RGB Percent	62%, 40%, 44%
CMY	0.3843, 0.5961, 0.5608
CMYK	0.00, 0.34, 0.29, 0.38
HSL	350°, 22%, 51%
HSV	350°, 34%, 62%
XYZ	21.6795, 18.0384, 17.6684
YIQ	120.1720, 29.2950, 14.2470

# Conversions

## Conversions Part 2

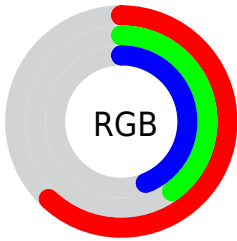
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 103, 112
Decimal	10315632
CIELab	49.54, 22.99, 3.92
CIElCh	50, 23.317, 9.671
Yxy	18.0384, 0.3778, 0.3143
Android (android.graphics.Color)	4288505712 (0xFF9D6770)
YUV	120.1720, -4.0288, 32.2982
Hunter-Lab	42.4717, 16.7892, 5.0653

# Details

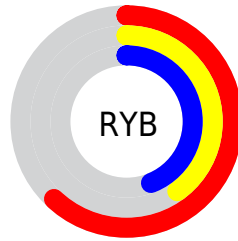
The Hex color **9D6770** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **679D94**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **D59BA4**, and **683740** is the 20% darker color. If you saturate the color by 10%, you get **9D5763**, and if you desaturate by 10%, it is **9D777D**.

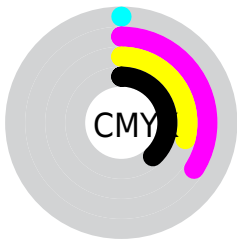
# Distribution



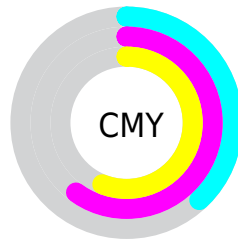
- Red (62%)
- Green (40%)
- Blue (44%)



- Red (62%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (34%)
- Yellow (29%)
- Black (38%)



- Cyan (38%)
- Magenta (60%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D6770 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 9D6770 by changing the saturation by 10% instead.



 9D6770

 9D6770

FFFFFF

 824F58

 D59BA4

 683740

 F2B6BF

 4F202A

 FFD1DA

 360A16

 FFEEF7

 230001

 000000

 9D6770

 9D6770

 9D5763

 9D777D

 9D4856

 9D868A

 9D3849

 9D9697

 9D283C

 9DA6A4

 9D182F

 9DB6B1

 9D0922

 9DC5BE

 9D001A

 9DD5CC

 9DE5D9

 9DF4E6

# Harmonies

## Analogous

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



946984



9D6770



9B6A5D

# Triad

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



9D6770



677C57



487C9A

# Complementary

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



9D6770



679D94

# 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.



367F8E



9D6770



508067

# Square

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



9D6770



7D774F



3C817C



65759D

# Rectangle

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



9D6770



946E54



3C817C



407D97



# Sweetspot

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



9D6770



CCB8BB



94679D



665A5C



E6E6E6



666666



# Same Dimension

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



9D6770



CC7886



9D7967



4F4748



8F0018



0F0003



# Inverse Universe

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



9D6770



CC7886



678B9D



4F4748



8F0018

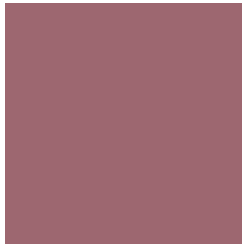


0F0003



# Previews

## White Background



This preview shows how the Hex color 9D6770 looks on a white background.

## Color Contrast Check

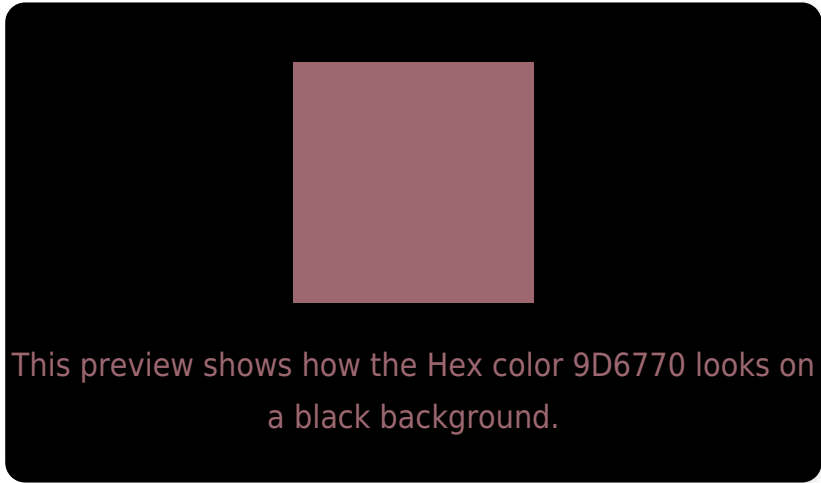
Large Text (above 18pt) WCAG AA ✓ Pass

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

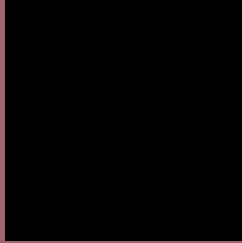
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9D6770 Background



This preview shows how black text looks on a background with the Hex color 9D6770.



This preview shows how white text looks on a background with the Hex color 9D6770.

# 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**  
9D6770

**Protanopia**  
787678

**Deuteranopia**  
85726E



**Tritanopia**  
9D676F

# Trichromacy



**Original Color**  
9D6770

**Protanomaly**  
857175

**Deuteranomaly**  
8E6E6F

**Tritanomaly**  
9D676F

# Monochromacy



**Original Color**  
9D6770

**Achromatopsia**  
787878

**Achromatomaly**  
857275

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D6770 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 #9D6770 looks like.

```
.text, #text, p{  
    color:#9D6770  
}
```

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 #9D6770 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D6770  
}
```

## Border

The CSS property to change the border of an element to Hex 9D6770 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  
#9D6770 }
```

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

```
.border{ border-color:#9D6770 }
```

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

Here you see how a box with a 4 pixel #9D6770 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D6770; -webkit-box-shadow:4px 4px  
4px 4px #9D6770; box-shadow:4px 4px 4px  
4px #9D6770 }
```

# Background

The CSS property to change the background color of an element to Hex 9D6770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D6770 }
```

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

```
.background{ background-color:#9D6770 }
```

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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