

# Converting Colors

Hex(996A6A)

Have a look what the booklet for  
Hex(996A6A) contains.

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# Color

**Hex(996A6A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	996A6A
RGB	153, 106, 106
RGB Percent	60%, 42%, 42%
CMY	0.4000, 0.5843, 0.5843
CMYK	0.00, 0.31, 0.31, 0.40
HSL	0°, 19%, 51%
HSV	0°, 31%, 60%
XYZ	20.8924, 18.1210, 16.0322
YIQ	120.0530, 28.0120, 9.9640

# Conversions

## Conversions Part 2

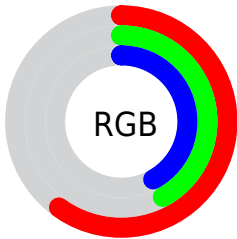
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 106, 106
Decimal	10054250
CIE <sub>Lab</sub>	49.64, 18.81, 7.57
CIE <sub>LCh</sub>	50, 20.277, 21.909
Yxy	18.1210, 0.3795, 0.3292
Android (android.graphics.Color)	4288244330 (0xFF996A6A)
YUV	120.0530, -6.9281, 28.8945
Hunter-Lab	42.5687, 13.1112, 7.4684

# Details

The Hex color **996A6A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6A9999**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **D09E9D**, and **643A3B** is the 20% darker color. If you saturate the color by 10%, you get **995B5B**, and if you desaturate by 10%, it is **997979**.

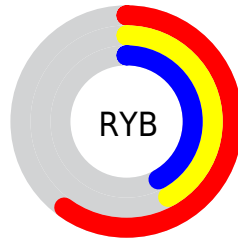
# Distribution



Red (60%)

Green (42%)

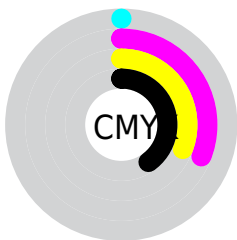
Blue (42%)



Red (60%)

Yellow (42%)

Blue (42%)

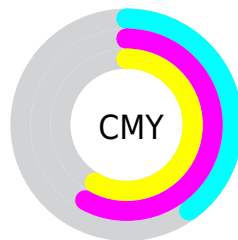


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (40%)



Cyan (40%)

Magenta (58%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 996A6A 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 996A6A by changing the saturation by 10% instead.





996A6A



996A6A

FFFFFF



7E5252



D09E9D



643A3B



EDB9B8



4B2425



FFD4D4



330F11



FFF1F0



1F0001



000000



996A6A



996A6A



995B5B



997979



994B4B



998989

 993C3C

 999898

 992D2D

 99A7A7

 991E1E

 99B7B7

 990E0E

 99C6C6

 990000

 99D5D5

 99E4E4

 99F4F4

# Harmonies

## Analogous

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



956A7B



996A6A



946E5C

# Triad

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



996A6A



627D60



5A7998

# Complementary

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



996A6A



6A9999

# 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.



477D91



996A6A



4F7F71

# Square

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



996A6A



757956



438082



727396

# Rectangle

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



996A6A



8C7156



438082



537B96



# Sweetspot

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



996A6A



C7B5B5



996A99



635959



E3E3E3



636363



# Same Dimension

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



996A6A



C77D7D



99826A



4D4545



8C0000



0D0000



# Inverse Universe

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



6A9999



7DC7C7



6A8299



454D4D



008C8C



000D0D



# Previews

## White Background



This preview shows how the Hex color 996A6A looks on a white background.

## Color Contrast Check

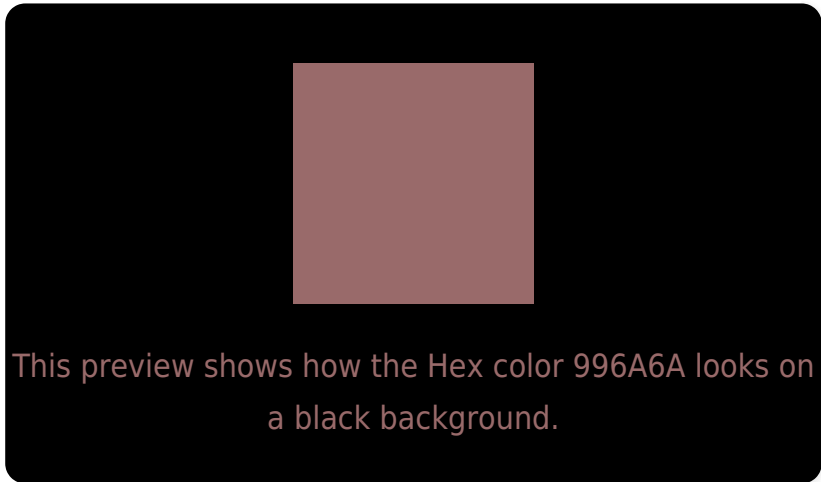
Large Text (above 18pt) WCAG AA ✓ Pass

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 996A6A Background



This preview shows how black text looks on a background with the Hex color 996A6A.

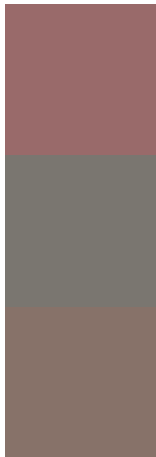


This preview shows how white text looks on a background with the Hex color 996A6A.

# 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**  
996A6A

**Protanopia**  
7A7670

**Deuteranopia**  
877269



**Tritanopia**  
9A6971

# Trichromacy



**Original Color**  
996A6A

**Protanomaly**  
85726E

**Deuteranomaly**  
8E6F69

**Tritanomaly**  
9A696E

# Monochromacy



**Original Color**  
996A6A

**Achromatopsia**  
787878

**Achromatomaly**  
847373

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 996A6A 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 #996A6A looks like.

```
.text, #text, p{  
    color:#996A6A  
}
```

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 #996A6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #996A6A
}
```

## Border

The CSS property to change the border of an element to Hex 996A6A is called "border". The border property can be set on classes, ids or directly on the HTML element.

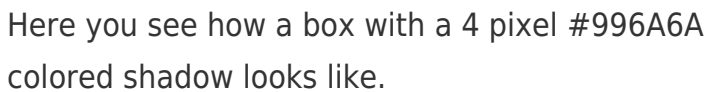
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#996A6A }
```

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

```
.border{ border-color:#996A6A }
```

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



Here you see how a box with a 4 pixel #996A6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #996A6A; -webkit-box-shadow:4px 4px  
4px 4px #996A6A; box-shadow:4px 4px 4px  
4px #996A6A }
```

# Background

The CSS property to change the background color of an element to Hex 996A6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#996A6A }
```

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

```
.background{ background-color:#996A6A }
```

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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