

# Converting Colors

Hex(996B6B)

Have a look what the booklet for  
Hex(996B6B) contains.

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**Color**

**Hex(996B6B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	996B6B
RGB	153, 107, 107
RGB Percent	60%, 42%, 42%
CMY	0.4000, 0.5804, 0.5804
CMYK	0.00, 0.30, 0.30, 0.40
HSL	0°, 18%, 51%
HSV	0°, 30%, 60%
XYZ	21.0484, 18.3492, 16.3423
YIQ	120.7540, 27.4160, 9.7520

# Conversions

## Conversions Part 2

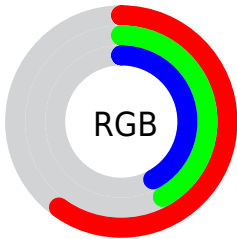
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 107, 107
Decimal	10054507
CIE <sub>Lab</sub>	49.92, 18.38, 7.36
CIE <sub>LCh</sub>	50, 19.798, 21.832
Yxy	18.3492, 0.3776, 0.3292
Android (android.graphics.Color)	4288244587 (0xFF996B6B)
YUV	120.7540, -6.7807, 28.2797
Hunter-Lab	42.8360, 12.7469, 7.3656

# Details

The Hex color **996B6B** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6B9999**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **D09F9E**, and **653B3C** is the 20% darker color. If you saturate the color by 10%, you get **995C5C**, and if you desaturate by 10%, it is **997A7A**.

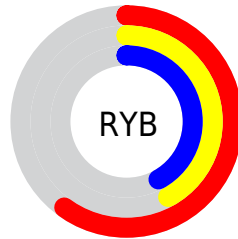
# Distribution



Red (60%)

Green (42%)

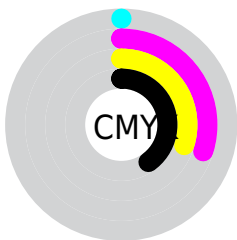
Blue (42%)



Red (60%)

Yellow (42%)

Blue (42%)

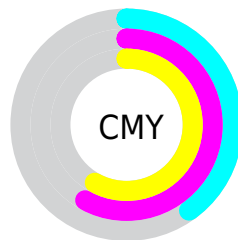


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (40%)



Cyan (40%)

Magenta (58%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 996B6B 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 996B6B by changing the saturation by 10% instead.



 996B6B

 996B6B

FFFFFF

 7E5353

 D09F9E

 653B3C

 EDBAB9

 4C2526

 FFD6D5

 331012

 FFF2F1

 200001

 000000

 996B6B

 996B6B

 995C5C

 997A7A

 994C4C

 998A8A

 993D3D

 999999

 992E2E

 99A8A8

 991E1E

 99B8B8

 990F0F

 99C7C7

 990000

 99D6D6

 99E5E5

 99F5F5

# Harmonies

## Analogous

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



956B7C



996B6B



946F5D

# Triad

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



996B6B



637E61



5C7A98

# Complementary

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



996B6B



6B9999

# 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.



497E91



996B6B



518071

# Square

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



996B6B



767957



458083



737496

# Rectangle

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



996B6B



8C7257



458083



547B96



# Sweetspot

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



996B6B



C7B5B5



996B99



635959



E3E3E3



636363



# Same Dimension

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



996B6B



C77F7F



99826B



4D4545



8C0000



0D0000



# Inverse Universe

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



6B9999



7FC7C7



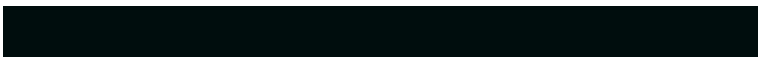
6B8299



454D4D



008C8C



000D0D



# Previews

## White Background



This preview shows how the Hex color 996B6B looks on a white background.

## Color Contrast Check

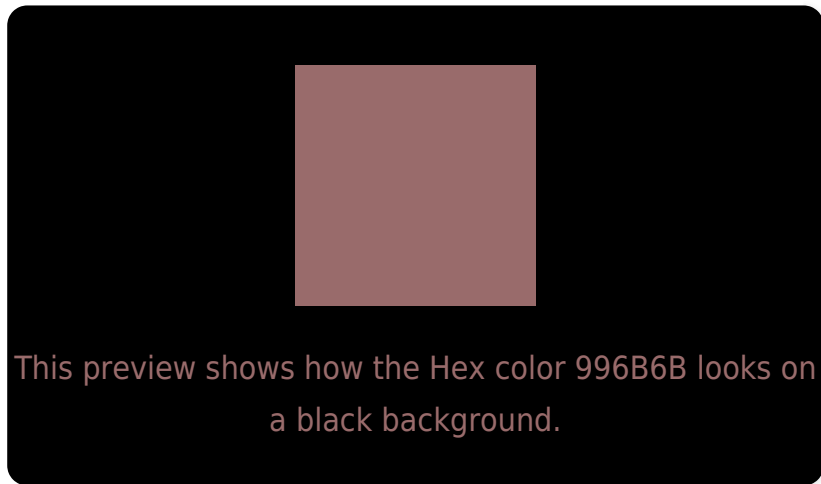
Large Text (above 18pt) WCAG AA ✓ Pass

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 996B6B Background



This preview shows how black text looks on a background with the Hex color 996B6B.

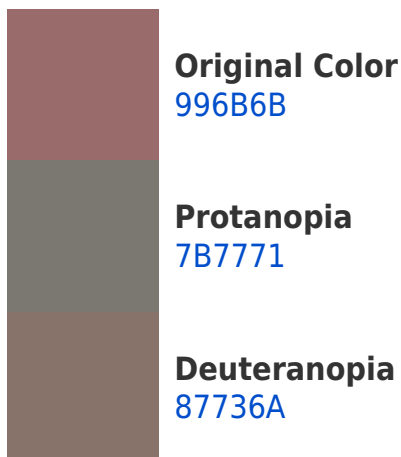


This preview shows how white text looks on a background with the Hex color 996B6B.

# 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**  
9A6A72

# Trichromacy



**Original Color**

996B6B

**Protanomaly**

86736F

**Deuteranomaly**

8E706A

**Tritanomaly**

9A6A6F

# Monochromacy



**Original Color**

996B6B

**Achromatopsia**

797979

**Achromatomaly**

857474

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 996B6B 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 #996B6B looks like.

```
.text, #text, p{  
    color:#996B6B  
}
```

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 #996B6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #996B6B  
}
```

## Border

The CSS property to change the border of an element to Hex 996B6B 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".

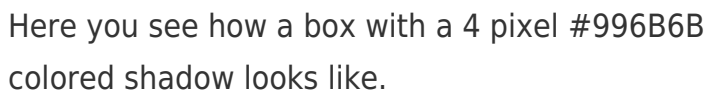
```
.border, #border, table{ border:4px solid  
#996B6B }
```

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

```
.border{ border-color:#996B6B }
```

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

Here you see how a box with a 4 pixel #996B6B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #996B6B; -webkit-box-shadow:4px 4px  
4px 4px #996B6B; box-shadow:4px 4px 4px  
4px #996B6B }
```

# Background

The CSS property to change the background color of an element to Hex 996B6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#996B6B }
```

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

```
.background{ background-color:#996B6B }
```

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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