

# Converting Colors

Hex(96706B)

Have a look what the booklet for  
Hex(96706B) contains.

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**Color**

**Hex(96706B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	96706B
RGB	150, 112, 107
RGB Percent	59%, 44%, 42%
CMY	0.4118, 0.5608, 0.5804
CMYK	0.00, 0.25, 0.29, 0.41
HSL	7°, 17%, 50%
HSV	7°, 29%, 59%
XYZ	21.0257, 19.1339, 16.4950
YIQ	122.7920, 24.2530, 6.5010

# Conversions

## Conversions Part 2

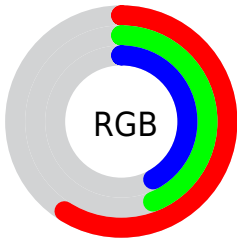
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 113, 107
Decimal	9859179
CIE <sub>Lab</sub>	50.84, 14.28, 8.63
CIE <sub>LCh</sub>	51, 16.682, 31.154
Yxy	19.1339, 0.3711, 0.3377
Android (android.graphics.Color)	4288049259 (0xFF96706B)
YUV	122.7920, -7.7855, 23.8614
Hunter-Lab	43.7423, 9.2508, 8.2617

# Details

The Hex color **96706B** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6B9196**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **CDA49E**, and **62403C** is the 20% darker color. If you saturate the color by 10%, you get **96635C**, and if you desaturate by 10%, it is **967D7A**.

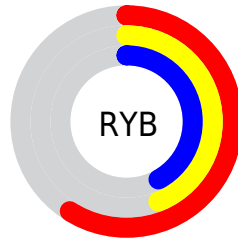
# Distribution



Red (59%)

Green (44%)

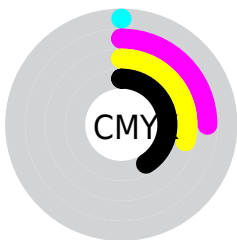
Blue (42%)



Red (59%)

Yellow (44%)

Blue (42%)

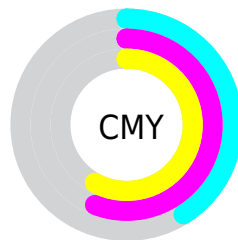


Cyan (0%)

Magenta (25%)

Yellow (29%)

Black (41%)



Cyan (41%)

Magenta (56%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96706B 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 96706B by changing the saturation by 10% instead.



 96706B

 96706B

FFFFFF

 7C5753

 CDA49E

 62403C

 E9BFB9

 492A26

 FFDBD5

 321512

 FFF7F1

 1E0000

 000000

 96706B

 96706B

 96635C

 967D7A

 96554D

 968B89

96483E

969898

963B2F

96A5A7

962E20

96B2B6

962011

96C0C5

961302

96CDD4

961100

96DAE3

96E7F2

# Harmonies

## Analogous

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



956F79



96706B



907461

# Triad

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



96706B



64806B



697A95

# Complementary

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



96706B



6B9196

# 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.



587E92



96706B



568179

# Square

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



96706B



747D61



518187



7C7591

# Rectangle

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



96706B



88775D



518187



637C95



# Sweetspot

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



96706B



C2B2B0



966B92



615756



E0E0E0



616161



# Same Dimension

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



96706B



C28880



96856B



4A4343



8A1000



0A0100



# Inverse Universe

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



6B9196



80BAC2



6B7C96



43494A



007A8A



00090A



# Previews

## White Background



This preview shows how the Hex color 96706B looks on a white background.

## Color Contrast Check

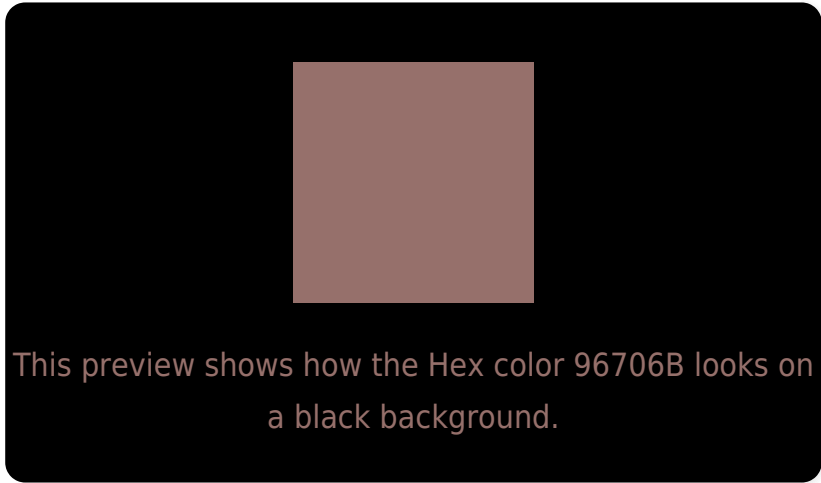
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

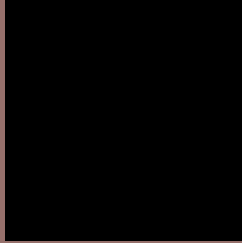
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 96706B Background



This preview shows how black text looks on a background with the Hex color 96706B.



This preview shows how white text looks on a background with the Hex color 96706B.

# 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**  
96706B

**Protanopia**  
7E7970

**Deuteranopia**  
8B756A



**Tritanopia**  
976E77

# Trichromacy



**Original Color**  
96706B

**Protanomaly**  
87766E

**Deuteranomaly**  
8F736A

**Tritanomaly**  
976F73

# Monochromacy



**Original Color**  
96706B

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
857775

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96706B 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 #96706B looks like.

```
.text, #text, p{  
    color:#96706B  
}
```

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 #96706B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96706B
}
```

## Border

The CSS property to change the border of an element to Hex 96706B is called "border". The border property can be set on classes, ids or directly on the HTML element.

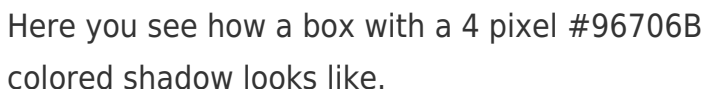
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#96706B }
```

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

```
.border{ border-color:#96706B }
```

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



Here you see how a box with a 4 pixel #96706B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96706B; -webkit-box-shadow:4px 4px  
4px 4px #96706B; box-shadow:4px 4px 4px  
4px #96706B }
```

# Background

The CSS property to change the background color of an element to Hex 96706B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96706B }
```

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

```
.background{ background-color:#96706B }
```

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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