

# Converting Colors

Hex(96674C)

Have a look what the booklet for  
Hex(96674C) contains.

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**Color**

**Hex(96674C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	96674C
RGB	150, 103, 76
RGB Percent	59%, 40%, 30%
CMY	0.4118, 0.5961, 0.7020
CMYK	0.00, 0.31, 0.49, 0.41
HSL	22°, 33%, 44%
HSV	22°, 49%, 59%
XYZ	18.7324, 16.7063, 9.0748
YIQ	113.9750, 36.6790, 1.5670

# Conversions

## Conversions Part 2

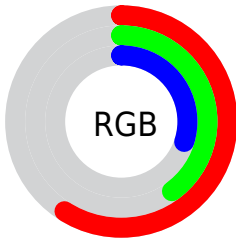
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 119, 76
Decimal	9856844
CIE <sub>Lab</sub>	47.89, 15.60, 22.79
CIE <sub>LCh</sub>	48, 27.615, 55.614
Yxy	16.7063, 0.4208, 0.3753
Android (android.graphics.Color)	4288046924 (0xFF96674C)
YUV	113.9750, -18.7217, 31.5939
Hunter-Lab	40.8734, 10.2789, 15.4476

# Details

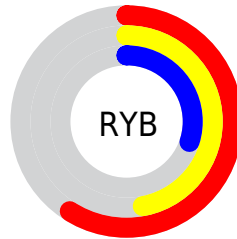
The Hex color **96674C** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4C7B96**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **CE9A7D**, and **61381F** is the 20% darker color. If you saturate the color by 10%, you get **965D3D**, and if you desaturate by 10%, it is **96715B**.

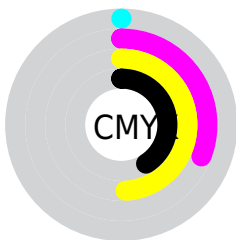
# Distribution



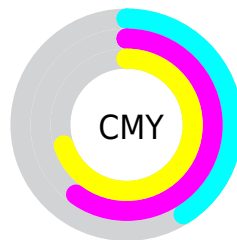
- Red (59%)
- Green (40%)
- Blue (30%)



- Red (59%)
- Yellow (47%)
- Blue (30%)



- Cyan (0%)
- Magenta (31%)
- Yellow (49%)
- Black (41%)



- Cyan (41%)
- Magenta (60%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96674C 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 96674C by changing the saturation by 10% instead.



 96674C

 96674C

FFFFFF

 7B4F35

 CE9A7D

 61381F

 EBB597

 472209

 FFD1B2

 2E0D00

 FFEDCE

 100000

 FFFFEA

 000000

 96674C

 96674C

 965D3D

 96715B

 96542E

 967A6A

■ 964A1F

■ 968479

■ 964110

■ 968D88

■ 963701

■ 969797

■ 963700

■ 96A0A6

■ 96AAB5

■ 96B3C4

■ 96BDD3

# Harmonies

## Analogous

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



9F615F



96674C



846F43

# Triad

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



96674C



337E6D



6F6D9C

# Complementary

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



96674C



4C7B96

# 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.



4A75A0



96674C



147E85

# Square

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



96674C



517B57



227B97



8C658C

# Rectangle

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



96674C



757444



227B97



64709E



# Sweetspot

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



96674C



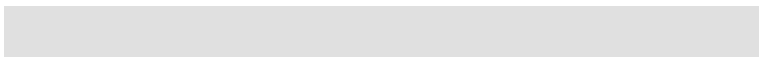
C2AFA5



964C7C



61564F



E0E0E0



616161



# Same Dimension

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



96674C



C2794F



968B4C



4A4543



8A3200



0A0400



# Inverse Universe

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



4C7B96



4F98C2



4C5796



43474A



00578A



00060A



# Previews

## White Background



This preview shows how the Hex color 96674C looks on a white background.

## Color Contrast Check

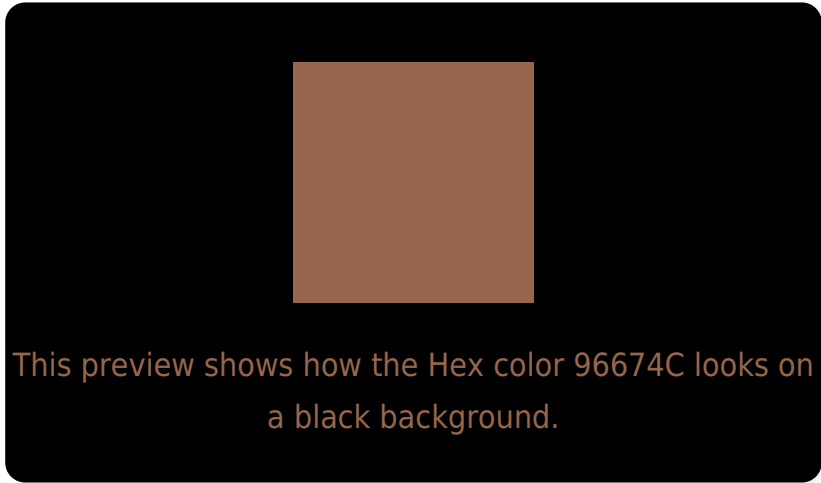
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 96674C Background



This preview shows how black text looks on a background with the Hex color 96674C.



This preview shows how white text looks on a background with the Hex color 96674C.

# 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**  
96674C

**Protanopia**  
7B7251

**Deuteranopia**  
896D4B



**Tritanopia**  
99636A

# Trichromacy



**Original Color**  
96674C

**Protanomaly**  
856E4F

**Deuteranomaly**  
8E6B4B

**Tritanomaly**  
98645F

# Monochromacy



**Original Color**  
96674C

**Achromatopsia**  
727272

**Achromatomaly**  
7F6E64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96674C 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 #96674C looks like.

```
.text, #text, p{  
    color:#96674C  
}
```

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 #96674C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96674C
}
```

## Border

The CSS property to change the border of an element to Hex 96674C is called "border". The border property can be set on classes, ids or directly on the HTML element.

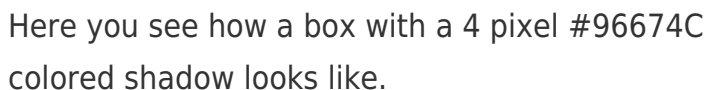
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#96674C }
```

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

```
.border{ border-color:#96674C }
```

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



Here you see how a box with a 4 pixel #96674C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96674C; -webkit-box-shadow:4px 4px  
4px 4px #96674C; box-shadow:4px 4px 4px  
4px #96674C }
```

# Background

The CSS property to change the background color of an element to Hex 96674C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96674C }
```

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

```
.background{ background-color:#96674C }
```

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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