

# Converting Colors

Hex(96683F)

Have a look what the booklet for  
Hex(96683F) contains.

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**Color**

**Hex(96683F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	96683F
RGB	150, 104, 63
RGB Percent	59%, 41%, 25%
CMY	0.4118, 0.5922, 0.7529
CMYK	0.00, 0.31, 0.58, 0.41
HSL	28°, 41%, 42%
HSV	28°, 58%, 59%
XYZ	18.4252, 16.7435, 6.9633
YIQ	113.0800, 40.5770, -2.9990

# Conversions

## Conversions Part 2

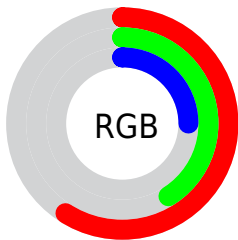
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 141, 63
Decimal	9857087
CIE Lab	47.94, 13.79, 30.25
CIE LCh	48, 33.249, 65.492
Yxy	16.7435, 0.4373, 0.3974
Android (android.graphics.Color)	4288047167 (0xFF96683F)
YUV	113.0800, -24.6894, 32.3788
Hunter-Lab	40.9189, 8.7680, 18.5536

# Details

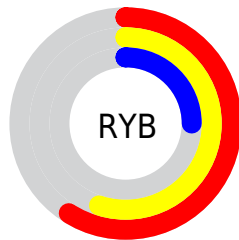
The Hex color **96683F** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3F6D96**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **CF9B70**, and **603912** is the 20% darker color. If you saturate the color by 10%, you get **966030**, and if you desaturate by 10%, it is **96704E**.

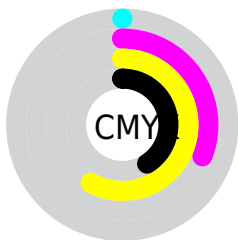
# Distribution



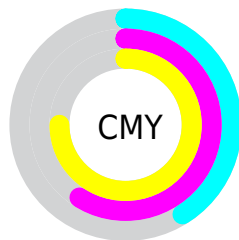
- Red (59%)
- Green (41%)
- Blue (25%)



- Red (59%)
- Yellow (55%)
- Blue (25%)



- Cyan (0%)
- Magenta (31%)
- Yellow (58%)
- Black (41%)



- Cyan (41%)
- Magenta (59%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96683F 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 96683F by changing the saturation by 10% instead.



 96683F

 96683F

FFFFFF

 7B5028

 CF9B70

 603912

 ECB689

 472300

 FFD2A4

 2D0F00

 FFEEBF

 0D0000

 FFFFDB

 000000

 FFFFF8

 96683F

 96683F

 966030

 96704E

 965821

 96785D

 965012

 96806C

 964803

 96887B

 964700

 96908A

 969899

 96A0A8

 96A7B7

 96AFC6

# Harmonies

## Analogous

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



A55F53



96683F



7E7239

# Triad

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



96683F



008076



7B689F

# Complementary

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



96683F



3F6D96

# 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.



4E73A9



96683F



007F91

# Square

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



96683F



3C7E5A



007BA4



995F8A

# Rectangle

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



96683F



6B773E



007BA4



6E6CA4



# Sweetspot

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



96683F



C2B0A1



963F6D



61574E



E0E0E0



616161



# Same Dimension

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



96683F



C27A3A



96933F



4A4643



8A4100



0A0500



# Inverse Universe

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



3F6D96



3A82C2



3F4296



43464A



00498A

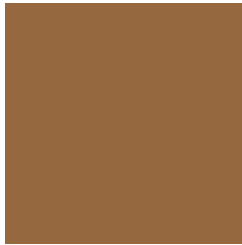


00050A



# Previews

## White Background



This preview shows how the Hex color 96683F looks on a white background.

## Color Contrast Check

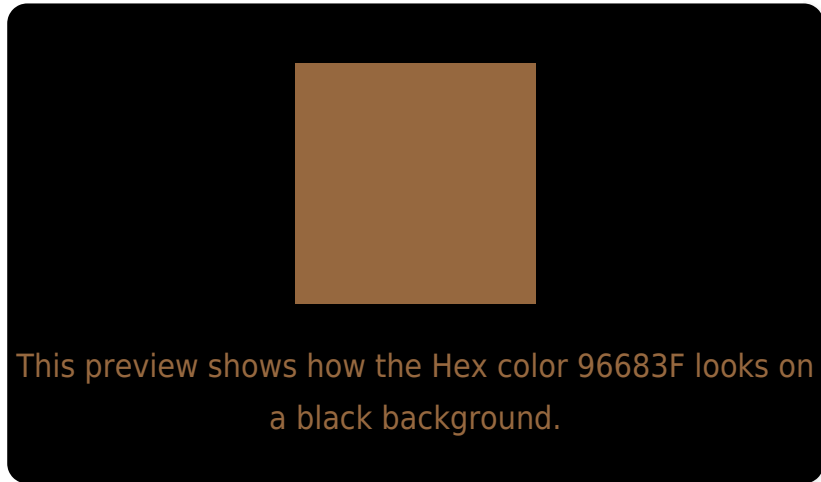
Large Text (above 18pt) WCAG AA ✓ Pass

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 96683F Background



This preview shows how black text looks on a background with the Hex color 96683F.



This preview shows how white text looks on a background with the Hex color 96683F.

# 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**  
96683F

**Protanopia**  
7D7243

**Deuteranopia**  
8C6D3E



**Tritanopia**  
99636A

# Trichromacy



**Original Color**  
96683F

**Protanomaly**  
866E42

**Deuteranomaly**  
906B3E

**Tritanomaly**  
98655A

# Monochromacy



**Original Color**  
96683F

**Achromatopsia**  
717171

**Achromatomaly**  
7E6E5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96683F 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 #96683F looks like.

```
.text, #text, p{  
    color:#96683F  
}
```

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 #96683F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96683F
}
```

## Border

The CSS property to change the border of an element to Hex 96683F is called "border". The border property can be set on classes, ids or directly on the HTML element.

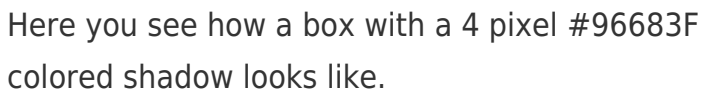
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#96683F }
```

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

```
.border{ border-color:#96683F }
```

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



Here you see how a box with a 4 pixel #96683F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96683F; -webkit-box-shadow:4px 4px  
4px 4px #96683F; box-shadow:4px 4px 4px  
4px #96683F }
```

# Background

The CSS property to change the background color of an element to Hex 96683F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96683F }
```

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

```
.background{ background-color:#96683F }
```

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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