

# Converting Colors

Hex(7B8061)

Have a look what the booklet for  
Hex(7B8061) contains.

<b>Hex(7B8061)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(7B8061)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B8061
RGB	123, 128, 97
RGB Percent	48%, 50%, 38%
CMY	0.5176, 0.4980, 0.6196
CMYK	0.04, 0.00, 0.24, 0.50
HSL	70°, 14%, 44%
HSV	70°, 24%, 50%
XYZ	18.0452, 20.5124, 14.3175
YIQ	122.9710, 6.9710, -10.7010

# Conversions

## Conversions Part 2

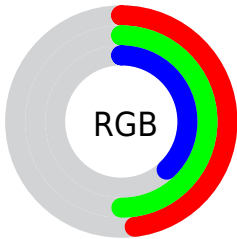
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 128, 102
Decimal	8093793
CIE <sub>Lab</sub>	52.41, -7.51, 16.25
CIE <sub>LCh</sub>	52, 17.898, 114.793
Yxy	20.5124, 0.3413, 0.3879
Android (android.graphics.Color)	4286283873 (0xFF7B8061)
YUV	122.9710, -12.8037, 0.0254
Hunter-Lab	45.2906, -8.1384, 12.9604

# Details

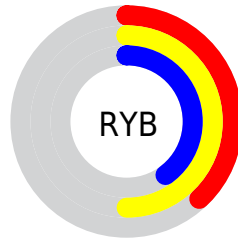
The Hex color **7B8061** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **666180**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B0B594**, and **4A4F32** is the 20% darker color. If you saturate the color by 10%, you get **798054**, and if you desaturate by 10%, it is **7D806E**.

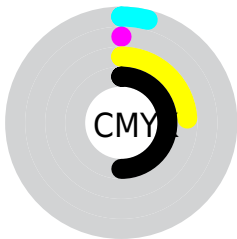
# Distribution



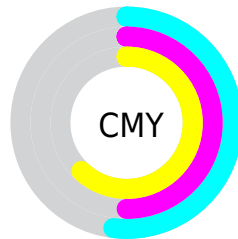
- Red (48%)
- Green (50%)
- Blue (38%)



- Red (38%)
- Yellow (50%)
- Blue (40%)



- Cyan (4%)
- Magenta (0%)
- Yellow (24%)
- Black (50%)



- Cyan (52%)
- Magenta (50%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B8061 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 7B8061 by changing the saturation by 10% instead.



 7B8061

 7B8061

FFFFFF

 626749

 B0B594

 4A4F32

 CBD0AE

 33381D

 E7EDCA

 1E2305

 FFFFE6

 000E00

 000000

 7B8061

 7B8061

 798054

 7D806E

 778047

 7F807B

■ 75803B

■ 818087

■ 73802E

■ 838094

■ 718021

■ 8580A1

■ 6F8014

■ 8780AE

■ 6D8007

■ 8980BB

■ 6B8000

■ 8C80C7

■ 8E80D4

# Harmonies

## Analogous

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



8B7B5F



7B8061



69846B

# Triad

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



7B8061



578396



9A7280

# Complementary

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



7B8061



666180

# 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.



8E758F



7B8061



677F9B

# Square

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



7B8061



528689



7C7A99



9D7371

# Rectangle

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



7B8061



5F8574



7C7A99



977385



# Sweetspot

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



7B8061



A4A69A



806661



53544D



D4D4D4



545454



# Same Dimension

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



7B8061



9EA676



6C8061



3F4039



6B8000



000000



# Inverse Universe

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



666180



7D76A6



756180



3A3940



150080



000000



# Previews

## White Background



This preview shows how the Hex color 7B8061 looks on a white background.

## Color Contrast Check

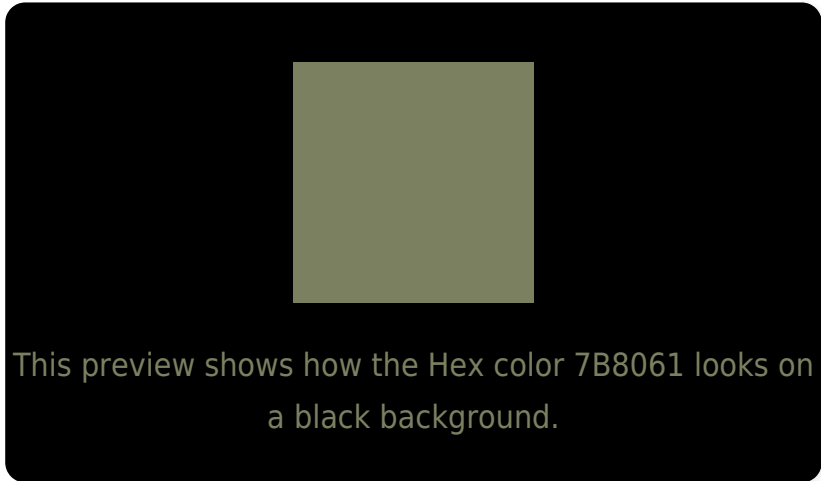
Large Text (above 18pt) WCAG AA ✓ Pass

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

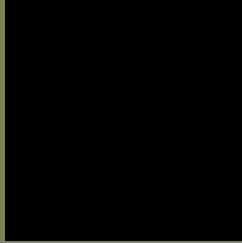
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

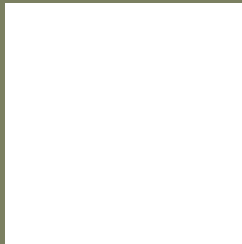
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B8061 Background



This preview shows how black text looks on a background with the Hex color 7B8061.



This preview shows how white text looks on a background with the Hex color 7B8061.

# 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**  
7B8061

**Protanopia**  
857D60

**Deuteranopia**  
927863



**Tritanopia**  
807B85

# Trichromacy



**Original Color**  
7B8061

**Protanomaly**  
817E60

**Deuteranomaly**  
8A7B62

**Tritanomaly**  
7E7D78

# Monochromacy



**Original Color**  
7B8061

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7B7D72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B8061 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 #7B8061 looks like.

```
.text, #text, p{  
    color:#7B8061  
}
```

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 #7B8061 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B8061
}
```

## Border

The CSS property to change the border of an element to Hex 7B8061 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
#7B8061 }
```

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

```
.border{ border-color:#7B8061 }
```

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

Here you see how a box with a 4 pixel #7B8061 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B8061; -webkit-box-shadow:4px 4px  
4px 4px #7B8061; box-shadow:4px 4px 4px  
4px #7B8061 }
```

# Background

The CSS property to change the background color of an element to Hex 7B8061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B8061 }
```

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

```
.background{ background-color:#7B8061 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor