

# Converting Colors

Hex(7D8D68)

Have a look what the booklet for  
Hex(7D8D68) contains.

<b>Hex(7D8D68)</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(7D8D68)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D8D68
RGB	125, 141, 104
RGB Percent	49%, 55%, 41%
CMY	0.5098, 0.4471, 0.5922
CMYK	0.11, 0.00, 0.26, 0.45
HSL	86°, 15%, 48%
HSV	86°, 26%, 55%
XYZ	20.4810, 24.4092, 16.7287
YIQ	131.9980, 2.3410, -14.8990

# Conversions

## Conversions Part 2

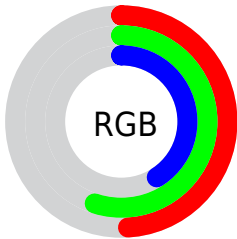
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 141, 120
Decimal	8228200
CIELab	56.50, -12.72, 17.87
CIELCh	56, 21.937, 125.436
Yxy	24.4092, 0.3324, 0.3961
Android (android.graphics.Color)	4286418280 (0xFF7D8D68)
YUV	131.9980, -13.8030, -6.1372
Hunter-Lab	49.4057, -12.4631, 14.5085

# Details

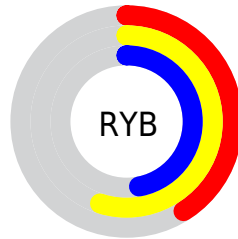
The Hex color **7D8D68** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **78688D**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B2C39B**, and **4C5B39** is the 20% darker color. If you saturate the color by 10%, you get **778D5A**, and if you desaturate by 10%, it is **838D76**.

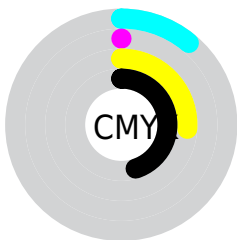
# Distribution



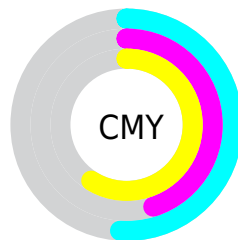
- Red (49%)
- Green (55%)
- Blue (41%)



- Red (41%)
- Yellow (55%)
- Blue (47%)



- Cyan (11%)
- Magenta (0%)
- Yellow (26%)
- Black (45%)



- Cyan (51%)
- Magenta (45%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D8D68 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 7D8D68 by changing the saturation by 10% instead.





7D8D68



7D8D68

FFFFFF



647350



B2C39B



4C5B39



CEDFB6



344323



EAFBD2



1F2D0D



FFFFEE



031900



000000



7D8D68



7D8D68



778D5A



838D76



718D4C



898D84

■ 6B8D3E

■ 8F8D92

■ 658D30

■ 958DA0

■ 5F8D22

■ 9B8DAF

■ 588D13

■ A28DBD

■ 528D05

■ A88DCB

■ 508D00

■ AE8DD9

■ B48DE7

# Harmonies

## Analogous

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



928761



7D8D68



679177

# Triad

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



7D8D68



5C8EAA



AD7A85

# Complementary

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



7D8D68



78688D

# 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.



A37C98



7D8D68



7588AD

# Square

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



7D8D68



4F919D



8F81A7



AD7C72

# Rectangle

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



7D8D68



5A9284



8F81A7



AB7A8B



# Sweetspot

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



7D8D68



B1B8A9



8D7768



585C53



DBDBDB



5C5C5C



# Same Dimension

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



7D8D68



9FB87F



6B8D68



444740



4D8700



040800



# Inverse Universe

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



78688D



977FB8



8A688D



434047



3A0087



030008



# Previews

## White Background



This preview shows how the Hex color 7D8D68 looks on a white background.

## Color Contrast Check

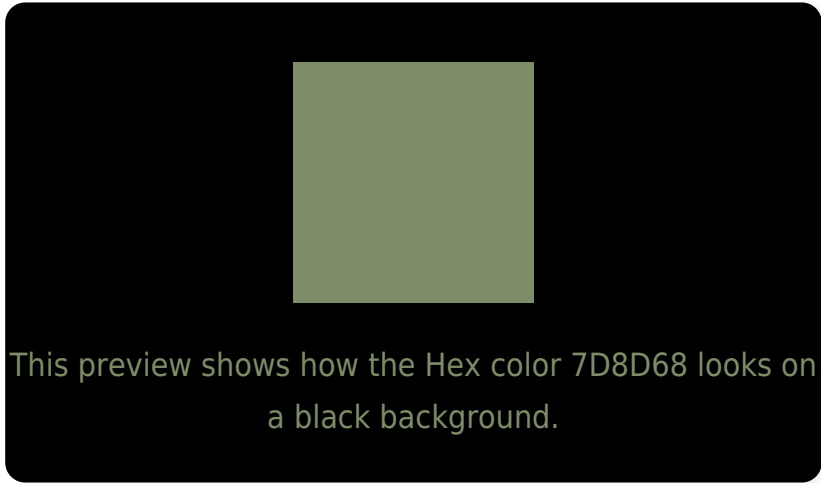
Large Text (above 18pt) WCAG AA ✓ Pass

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

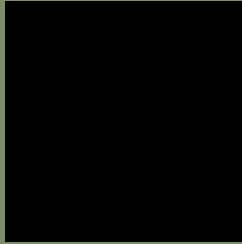
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7D8D68 Background



This preview shows how black text looks on a background with the Hex color 7D8D68.

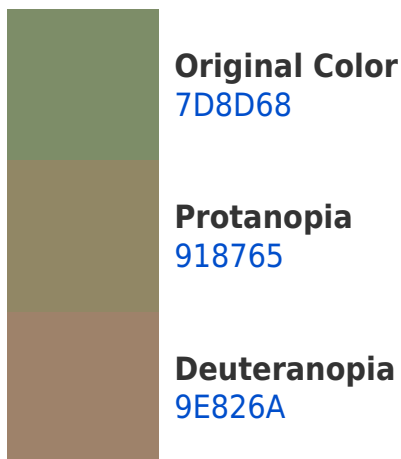


This preview shows how white text looks on a background with the Hex color 7D8D68.

# 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**  
838792

# Trichromacy



**Original Color**  
7D8D68

**Protanomaly**  
8A8966

**Deuteranomaly**  
928669

**Tritanomaly**  
818983

# Monochromacy



**Original Color**  
7D8D68

**Achromatopsia**  
848484

**Achromatomaly**  
81877A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D8D68 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 #7D8D68 looks like.

```
.text, #text, p{  
    color:#7D8D68  
}
```

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 #7D8D68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D8D68
}
```

## Border

The CSS property to change the border of an element to Hex 7D8D68 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
#7D8D68 }
```

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

```
.border{ border-color:#7D8D68 }
```

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

Here you see how a box with a 4 pixel #7D8D68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D8D68; -webkit-box-shadow:4px 4px  
4px 4px #7D8D68; box-shadow:4px 4px 4px  
4px #7D8D68 }
```

# Background

The CSS property to change the background color of an element to Hex 7D8D68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D8D68 }
```

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

```
.background{ background-color:#7D8D68 }
```

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