

# Converting Colors

Hex(7D8C65)

Have a look what the booklet for  
Hex(7D8C65) contains.

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# Color

Hex(7D8C65)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 7D8C65                     |
| RGB           | 125, 140, 101              |
| RGB Percent   | 49%, 55%, 40%              |
| CMY           | 0.5098, 0.4510, 0.6039     |
| CMYK          | 0.11, 0.00, 0.28, 0.45     |
| HSL           | 83°, 16%, 47%              |
| HSV           | 83°, 28%, 55%              |
| XYZ           | 20.1845, 24.0557, 15.8913  |
| YIQ           | 131.0690, 3.5790, -15.3090 |

# Conversions

## Conversions Part 2

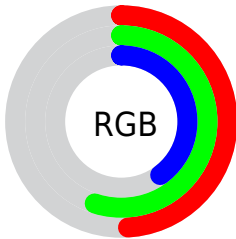
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 101, 140, 116                  |
| Decimal                             | 8227941                        |
| CIELab                              | 56.14, -12.66, 19.09           |
| CIElCh                              | 56, 22.901, 123.551            |
| Yxy                                 | 24.0557, 0.3357,<br>0.4001     |
| Android<br>(android.graphics.Color) | 4286418021<br>(0xFF7D8C65)     |
| YUV                                 | 131.0690, -14.8240,<br>-5.3225 |
| Hunter-Lab                          | 49.0466, -12.3723,<br>15.1225  |

# Details

The Hex color **7D8C65** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **74658C**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B2C298**, and **4C5A36** is the 20% darker color. If you saturate the color by 10%, you get **788C57**, and if you desaturate by 10%, it is **828C73**.

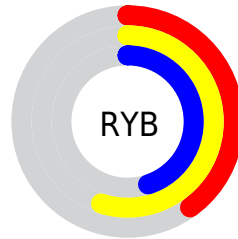
# Distribution



Red (49%)

Green (55%)

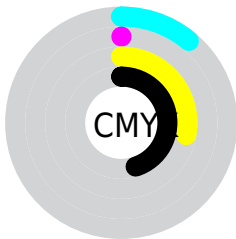
Blue (40%)



Red (40%)

Yellow (55%)

Blue (45%)

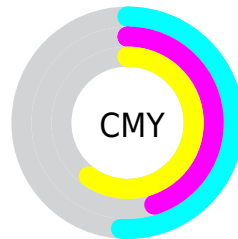


Cyan (11%)

Magenta (0%)

Yellow (28%)

Black (45%)



Cyan (51%)

Magenta (45%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D8C65 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 7D8C65 by changing the saturation by 10% instead.





7D8C65



7D8C65

FFFFFF



64724D



B2C298



4C5A36



CEDDB3



344220



EAFACF



1F2C0A



FFFFEB



021900



000000



7D8C65



7D8C65



788C57



828C73



728C49



888C81

 6D8C3B

 8D8C8F

 678C2D

 938C9D

 628C1F

 988CAB

 5D8C11

 9D8CB9

 578C03

 A38CC7

 568C00

 A88CD5

 AD8CE3

# Harmonies

## Analogous

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



93865F



7D8C65



669074

# Triad

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



7D8C65



578DAA



AE7885

# Complementary

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



7D8C65



74658C

# 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.



A27B99



7D8C65



7188AE

# Square

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



7D8C65



4A919C



8D81A8



AE7A72

# Rectangle

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



7D8C65



589181



8D81A8



AB788C



# Sweetspot

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



7D8C65



AFB5A7



8C7465



585C53



DBDBDB



5C5C5C



# Same Dimension

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



7D8C65



9EB579



6A8C65



42453E



528500



030500



# Inverse Universe

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



74658C



9079B5



87658C



413E45



330085



020005



# Previews

## White Background



This preview shows how the Hex color 7D8C65 looks on a white background.

## Color Contrast Check

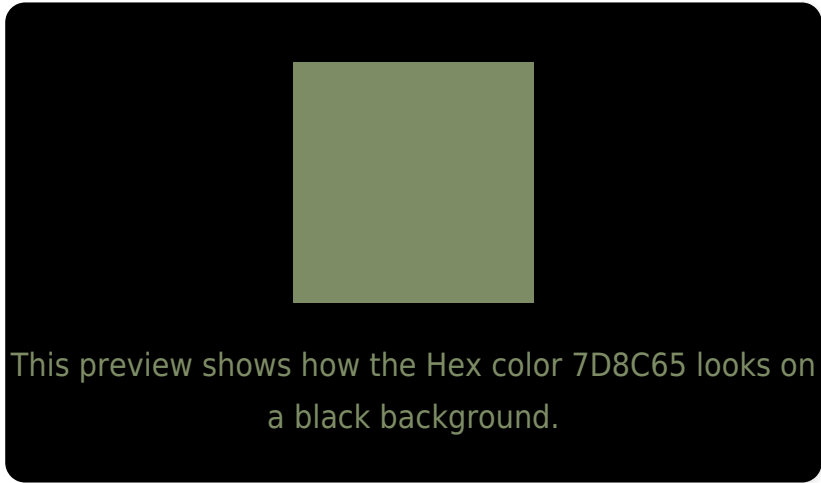
Large Text (above 18pt) WCAG AA ✓ Pass

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

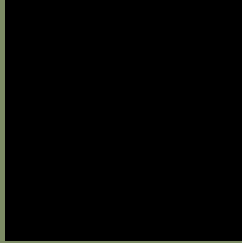
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7D8C65 Background



This preview shows how black text looks on a background with the Hex color 7D8C65.

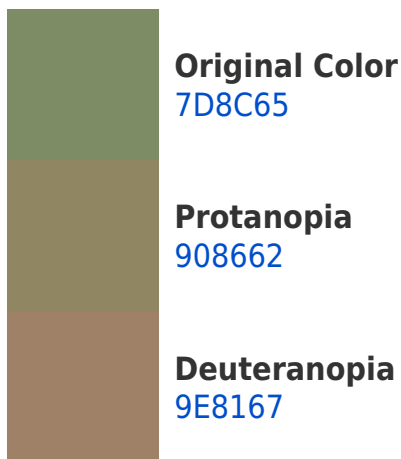


This preview shows how white text looks on a background with the Hex color 7D8C65.

# 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**  
838691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D8C65 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 #7D8C65 looks like.

```
.text, #text, p{  
    color:#7D8C65  
}
```

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 #7D8C65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D8C65
}
```

## Border

The CSS property to change the border of an element to Hex 7D8C65 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
#7D8C65 }
```

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

```
.border{ border-color:#7D8C65 }
```

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

Here you see how a box with a 4 pixel #7D8C65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D8C65; -webkit-box-shadow:4px 4px  
4px 4px #7D8C65; box-shadow:4px 4px 4px  
4px #7D8C65 }
```

# Background

The CSS property to change the background color of an element to Hex 7D8C65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D8C65 }
```

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

```
.background{ background-color:#7D8C65 }
```

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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