

# Converting Colors

Hex(7A8D62)

Have a look what the booklet for  
Hex(7A8D62) contains.

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**Color**

**Hex(7A8D62)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A8D62
RGB	122, 141, 98
RGB Percent	48%, 55%, 38%
CMY	0.5216, 0.4471, 0.6157
CMYK	0.13, 0.00, 0.30, 0.45
HSL	87°, 18%, 47%
HSV	87°, 30%, 55%
XYZ	19.7555, 24.0692, 15.1599
YIQ	130.4170, 2.4790, -17.4010

# Conversions

## Conversions Part 2

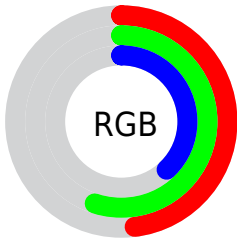
Format	Color
<a href="#">RYB</a>	<a href="#">98, 141, 117</a>
Decimal	<a href="#">8031586</a>
CIELab	<a href="#">56.16, -14.84, 20.75</a>
CIELCh	<a href="#">56, 25.512, 125.578</a>
Yxy	<a href="#">24.0692, 0.3349, 0.4081</a>
Android (android.graphics.Color)	<a href="#">4286221666</a> ( <a href="#">0xFF7A8D62</a> )
YUV	<a href="#">130.4170, -15.9816, -7.3817</a>
Hunter-Lab	<a href="#">49.0603, -13.9776, 16.0214</a>

# Details

The Hex color **7A8D62** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **75628D**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **AFC395**, and **495B33** is the 20% darker color. If you saturate the color by 10%, you get **748D54**, and if you desaturate by 10%, it is **808D70**.

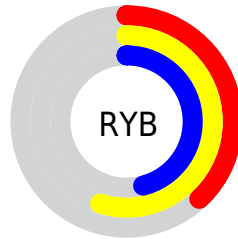
# Distribution



Red (48%)

Green (55%)

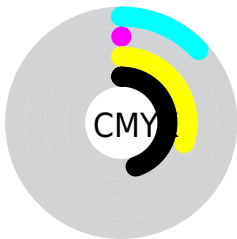
Blue (38%)



Red (38%)

Yellow (55%)

Blue (46%)

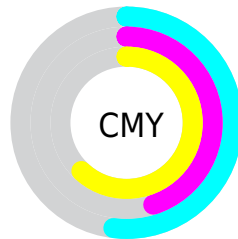


Cyan (13%)

Magenta (0%)

Yellow (30%)

Black (45%)



Cyan (52%)

Magenta (45%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A8D62 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 7A8D62 by changing the saturation by 10% instead.





7A8D62



7A8D62

FFFFFF



61734A



AFC395



495B33



CADFB0



31431D



E7FBCB



1C2D06



FFFFE8



001900



000000



7A8D62



7A8D62



748D54



808D70



6E8D46



868D7E

 678D38

 8D8D8C

 618D2A

 938D9A

 5B8D1C

 998DA9

 558D0D

 9F8DB7

 4F8D00

 A68DC5

 AC8DD3

 B28DE1

# Harmonies

## Analogous

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



92875A



7A8D62



609174

# Triad

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



7A8D62



508EAE



B27683

# Complementary

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



7A8D62



75628D

# 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.



A67999



7A8D62



7087B2

# Square

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



7A8D62



3F92A0



8F7FAB



B1796E

# Rectangle

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



7A8D62



509382



8F7FAB



B0768B



# Sweetspot

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



7A8D62



B0B8A7



8D7562



575C52



DBDBDB



5C5C5C



# Same Dimension

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



7A8D62



9AB874



658D62



444740



4B8700



040800



# Inverse Universe

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



75628D



9274B8



8A628D



434047



3C0087



030008



# Previews

## White Background



This preview shows how the Hex color 7A8D62 looks on a white background.

## Color Contrast Check

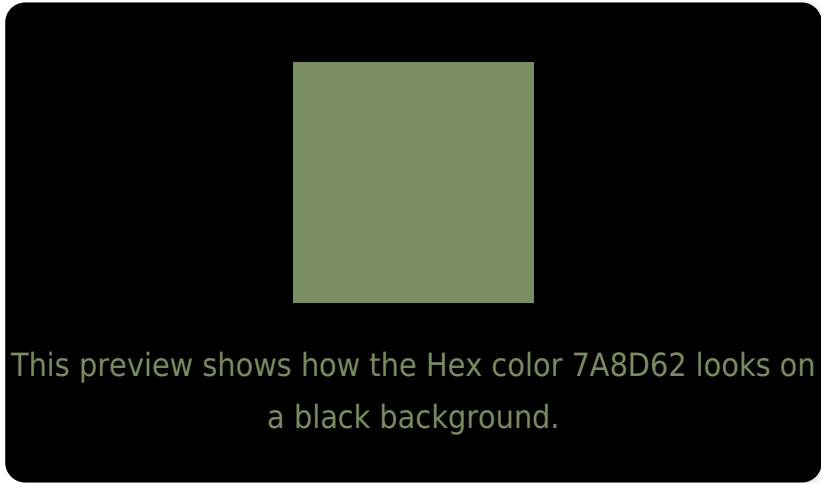
Large Text (above 18pt) WCAG AA ✓ Pass

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

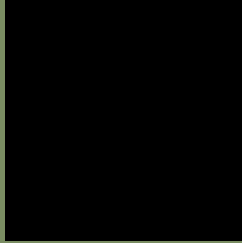
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7A8D62 Background



This preview shows how black text looks on a background with the Hex color 7A8D62.

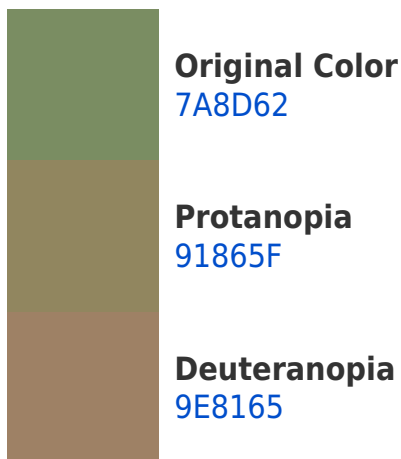


This preview shows how white text looks on a background with the Hex color 7A8D62.

# 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**  
818792

# Trichromacy



**Original Color**  
7A8D62

**Protanomaly**  
898960

**Deuteranomaly**  
918564

**Tritanomaly**  
7E8981

# Monochromacy



**Original Color**  
7A8D62

**Achromatopsia**  
828282

**Achromatomaly**  
7F8676

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A8D62 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 #7A8D62 looks like.

```
.text, #text, p{  
    color:#7A8D62  
}
```

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 #7A8D62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A8D62
}
```

## Border

The CSS property to change the border of an element to Hex 7A8D62 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
#7A8D62 }
```

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

```
.border{ border-color:#7A8D62 }
```

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

Here you see how a box with a 4 pixel #7A8D62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A8D62; -webkit-box-shadow:4px 4px  
4px 4px #7A8D62; box-shadow:4px 4px 4px  
4px #7A8D62 }
```

# Background

The CSS property to change the background color of an element to Hex 7A8D62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A8D62 }
```

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

```
.background{ background-color:#7A8D62 }
```

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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