

# Converting Colors

Hex(7D8E70)

Have a look what the booklet for  
Hex(7D8E70) contains.

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**Color**

**Hex(7D8E70)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D8E70
RGB	125, 142, 112
RGB Percent	49%, 56%, 44%
CMY	0.5098, 0.4431, 0.5608
CMYK	0.12, 0.00, 0.21, 0.44
HSL	94°, 12%, 50%
HSV	94°, 21%, 56%
XYZ	21.0551, 24.8758, 19.0210
YIQ	133.4970, -0.5020, -12.9340

# Conversions

## Conversions Part 2

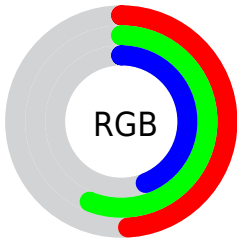
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 142, 129
Decimal	8228464
CIE <sub>Lab</sub>	56.95, -11.92, 13.98
CIE <sub>LCh</sub>	57, 18.373, 130.459
Yxy	24.8758, 0.3242, 0.3830
Android (android.graphics.Color)	4286418544 (0xFF7D8E70)
YUV	133.4970, -10.5980, -7.4519
Hunter-Lab	49.8757, -11.9284, 12.3016

# Details

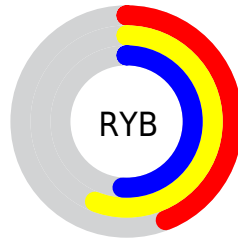
The Hex color **7D8E70** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **81708E**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B2C4A4**, and **4C5C40** is the 20% darker color. If you saturate the color by 10%, you get **758E62**, and if you desaturate by 10%, it is **858E7E**.

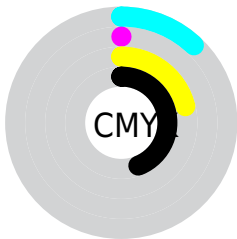
# Distribution



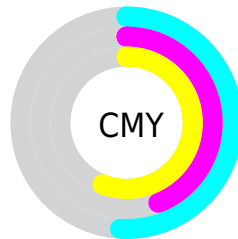
- Red (49%)
- Green (56%)
- Blue (44%)



- Red (44%)
- Yellow (56%)
- Blue (51%)



- Cyan (12%)
- Magenta (0%)
- Yellow (21%)
- Black (44%)



- Cyan (51%)
- Magenta (44%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D8E70 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 7D8E70 by changing the saturation by 10% instead.



 7D8E70

 7D8E70

FFFFFF

 647457

 B2C4A4

 4C5C40

 CDE0BF

 35442A

 EAFCDDB

 1F2E15

 FFFFF7

 081A00

 000000

 7D8E70

 7D8E70

 758E62

 858E7E

 6D8E54

 8D8E8C

■ 658E45

■ 958E9B

■ 5D8E37

■ 9D8EA9

■ 558E29

■ A58EB7

■ 4D8E1B

■ AD8EC5

■ 458E0D

■ B58ED3

■ 3E8E00

■ BD8EE2

■ C58EF0

# Harmonies

## Analogous

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



8F8969



7D8E70



6B917D

# Triad

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



7D8E70



698DA6



A97D84

# Complementary

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



7D8E70



81708E

# 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.



A27F94



7D8E70



7D88A8

# Square

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



7D8E70



5D919D



9283A1



A87F75

# Rectangle

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



7D8E70



629288



9283A1



A87D89



# Sweetspot

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



7D8E70



B1B8AD



8E8170



585C55



DBDBDB



5C5C5C



# Same Dimension

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



7D8E70



9EB88A



708E72



434740



3B8700



030800



# Inverse Universe

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



81708E



A48AB8



8E708C



444047



4D0087

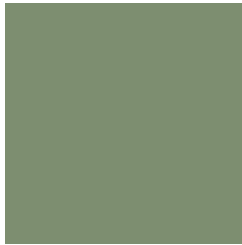


040008



# Previews

## White Background



This preview shows how the Hex color 7D8E70 looks on a white background.

## Color Contrast Check

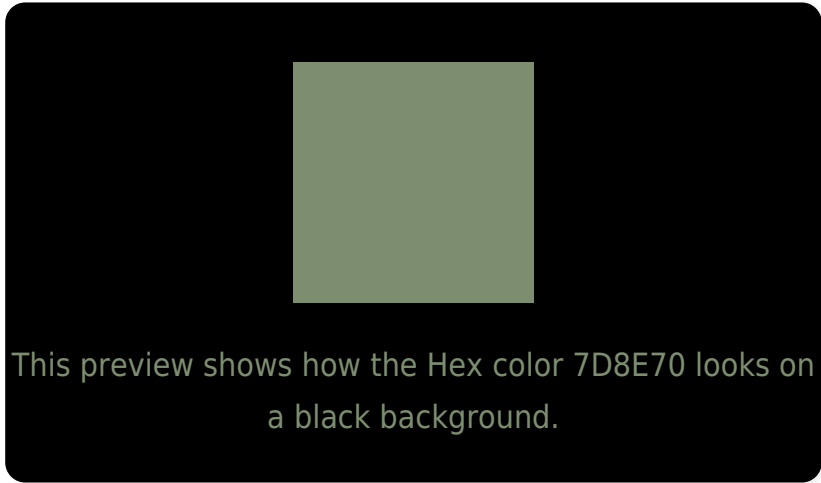
Large Text (above 18pt) WCAG AA ✓ Pass

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

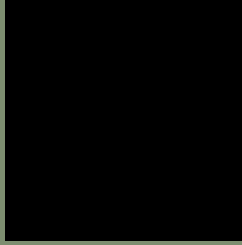
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7D8E70 Background



This preview shows how black text looks on a background with the Hex color 7D8E70.



This preview shows how white text looks on a background with the Hex color 7D8E70.

# 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**  
828994

# Trichromacy



**Original Color**  
7D8E70

**Protanomaly**  
8A8A6E

**Deuteranomaly**  
918771

**Tritanomaly**  
808B87

# Monochromacy



**Original Color**  
7D8E70

**Achromatopsia**  
858585

**Achromatomaly**  
82887D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D8E70 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 #7D8E70 looks like.

```
.text, #text, p{  
    color:#7D8E70  
}
```

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 #7D8E70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D8E70
}
```

## Border

The CSS property to change the border of an element to Hex 7D8E70 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
#7D8E70 }
```

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

```
.border{ border-color:#7D8E70 }
```

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

Here you see how a box with a 4 pixel #7D8E70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D8E70; -webkit-box-shadow:4px 4px  
4px 4px #7D8E70; box-shadow:4px 4px 4px  
4px #7D8E70 }
```

# Background

The CSS property to change the background color of an element to Hex 7D8E70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D8E70 }
```

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

```
.background{ background-color:#7D8E70 }
```

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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