

# Converting Colors

Hex(7F8861)

Have a look what the booklet for  
Hex(7F8861) contains.

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# Color

**Hex(7F8861)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F8861
RGB	127, 136, 97
RGB Percent	50%, 53%, 38%
CMY	0.5020, 0.4667, 0.6196
CMYK	0.07, 0.00, 0.29, 0.47
HSL	74°, 17%, 46%
HSV	74°, 29%, 53%
XYZ	19.7142, 22.9834, 14.7065
YIQ	128.8630, 7.1550, -14.0370

# Conversions

## Conversions Part 2

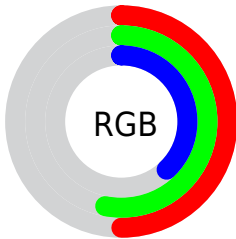
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 136, 106
Decimal	8357985
CIELab	55.06, -10.30, 19.89
CIElCh	55, 22.402, 117.375
Yxy	22.9834, 0.3434, 0.4004
Android (android.graphics.Color)	4286548065 (0xFF7F8861)
YUV	128.8630, -15.7085, -1.6339
Hunter-Lab	47.9410, -10.4943, 15.3708

# Details

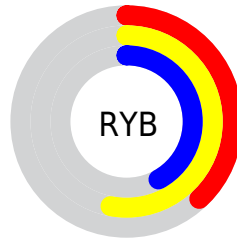
The Hex color **7F8861** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6A6188**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B4BD94**, and **4D5632** is the 20% darker color. If you saturate the color by 10%, you get **7C8853**, and if you desaturate by 10%, it is **82886F**.

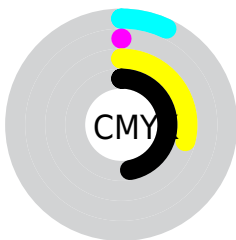
# Distribution



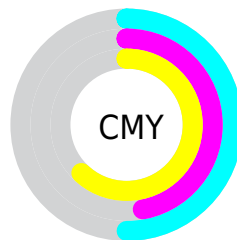
- Red (50%)
- Green (53%)
- Blue (38%)



- Red (38%)
- Yellow (53%)
- Blue (42%)



- Cyan (7%)
- Magenta (0%)
- Yellow (29%)
- Black (47%)



- Cyan (50%)
- Magenta (47%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F8861 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 7F8861 by changing the saturation by 10% instead.





7F8861



7F8861

FFFFFF



666F49



B4BD94



4D5632



D0D9AF



363F1C



ECF6CA



212904



FFFFE6



021600



000000



7F8861



7F8861



7C8853



82886F



798846



85887C

768838

88888A

72882B

8C8897

6F881D

8F88A5

6C880F

9288B3

698802

9588C0

698800

9888CE

9B88DB

# Harmonies

## Analogous

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



93825D



7F8861



698C6E

# Triad

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



7F8861



518BA4



A87686

# Complementary

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



7F8861



6A6188

# 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.



9B7999



7F8861



6986AA

# Square

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



7F8861



498E95



847FA6



AB7773

# Rectangle

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



7F8861



5A8E7B



847FA6



A5768D



# Sweetspot

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



7F8861



ACB0A0



886961



57594F



D9D9D9



595959



# Same Dimension

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



7F8861



A2B074



6C8861



43453E



668500



040500



# Inverse Universe

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



6A6188



8274B0



7D6188



403E45



1F0085



010005



# Previews

## White Background



This preview shows how the Hex color 7F8861 looks on a white background.

## Color Contrast Check

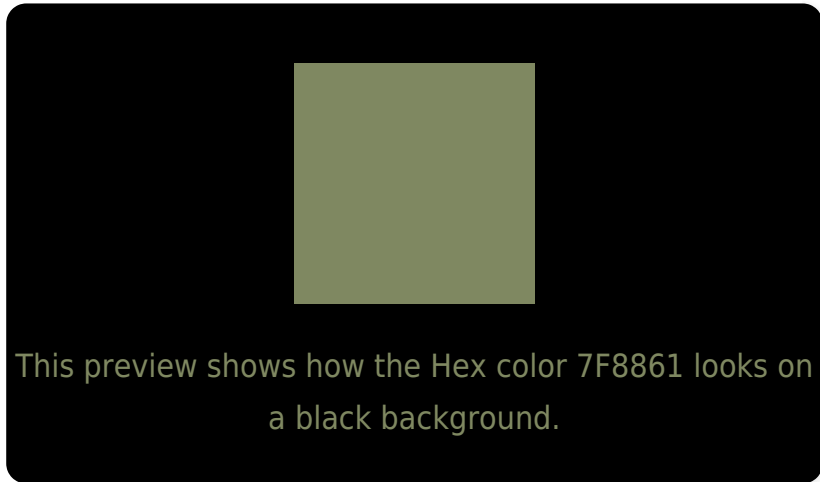
Large Text (above 18pt) WCAG AA ✓ Pass

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

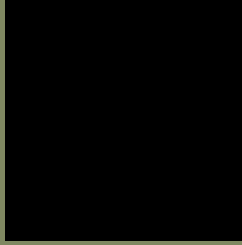
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7F8861 Background



This preview shows how black text looks on a background with the Hex color 7F8861.



This preview shows how white text looks on a background with the Hex color 7F8861.

# 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**  
7F8861

**Protanopia**  
8E845F

**Deuteranopia**  
9B7E63



**Tritanopia**  
85828D

# Trichromacy



**Original Color**  
7F8861

**Protanomaly**  
898560

**Deuteranomaly**  
918262

**Tritanomaly**  
83847D

# Monochromacy



**Original Color**  
7F8861

**Achromatopsia**  
818181

**Achromatomaly**  
808475

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F8861 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 #7F8861 looks like.

```
.text, #text, p{  
    color:#7F8861  
}
```

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 #7F8861 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F8861
}
```

## Border

The CSS property to change the border of an element to Hex 7F8861 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
#7F8861 }
```

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

```
.border{ border-color:#7F8861 }
```

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

Here you see how a box with a 4 pixel #7F8861 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F8861; -webkit-box-shadow:4px 4px  
4px 4px #7F8861; box-shadow:4px 4px 4px  
4px #7F8861 }
```

# Background

The CSS property to change the background color of an element to Hex 7F8861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F8861 }
```

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

```
.background{ background-color:#7F8861 }
```

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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