

# Converting Colors

Hex(7B8070)

Have a look what the booklet for  
Hex(7B8070) contains.

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# Color

Hex(7B8070)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B8070
RGB	123, 128, 112
RGB Percent	48%, 50%, 44%
CMY	0.5176, 0.4980, 0.5608
CMYK	0.04, 0.00, 0.12, 0.50
HSL	79°, 7%, 47%
HSV	79°, 12%, 50%
XYZ	18.8122, 20.8191, 18.3562
YIQ	124.6810, 2.1560, -6.0360

# Conversions

## Conversions Part 2

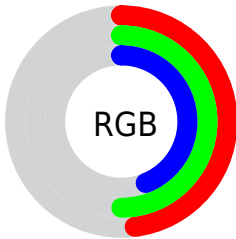
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 128, 117
Decimal	8093808
CIELab	52.75, -4.95, 8.05
CIElCh	53, 9.453, 121.602
Yxy	20.8191, 0.3244, 0.3590
Android (android.graphics.Color)	4286283888 (0xFF7B8070)
YUV	124.6810, -6.2517, -1.4742
Hunter-Lab	45.6280, -6.2544, 8.0871

# Details

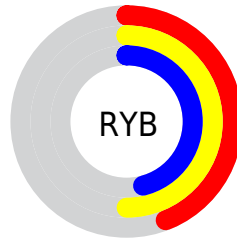
The Hex color **7B8070** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **757080**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **AFB5A4**, and **4A4F40** is the 20% darker color. If you saturate the color by 10%, you get **778063**, and if you desaturate by 10%, it is **7F807D**.

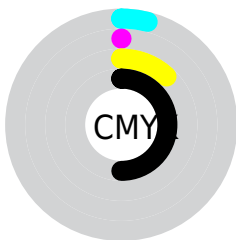
# Distribution



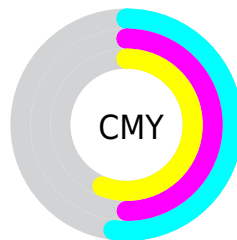
- Red (48%)
- Green (50%)
- Blue (44%)



- Red (44%)
- Yellow (50%)
- Blue (46%)



- Cyan (4%)
- Magenta (0%)
- Yellow (12%)
- Black (50%)



- Cyan (52%)
- Magenta (50%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B8070 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 7B8070 by changing the saturation by 10% instead.



 7B8070

 7B8070

FFFFFF

 626758

 AFB5A4

 4A4F40

 CBD0BF

 34382A

 E7EDDB

 1E2316

 FFFFF7

 030D00

 000000

 7B8070

 7B8070

 778063

 7F807D

 738056

 83808A

6F804A

878096

6B803D

8B80A3

678030

8F80B0

638023

9380BD

5F8016

9780CA

5B800A

9B80D6

588000

9F80E3

# Harmonies

## Analogous

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



847D6E



7B8070



728276

# Triad

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



7B8070



6D818C



8E787E

# Complementary

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



7B8070



757080

# 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.



897986



7B8070



767E8E

# Square

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



7B8070



698286



807C8C



8F7976

# Rectangle

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



7B8070



6D837B



807C8C



8D7981



# Sweetspot

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



7B8070



A4A69F



807570



535450



D4D4D4



545454



# Same Dimension

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



7B8070



9EA68D



738070



3E4039



588000



000000



# Inverse Universe

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



757080



958DA6



7D7080



3B3940



280080



000000



# Previews

## White Background



This preview shows how the Hex color 7B8070 looks on a white background.

## Color Contrast Check

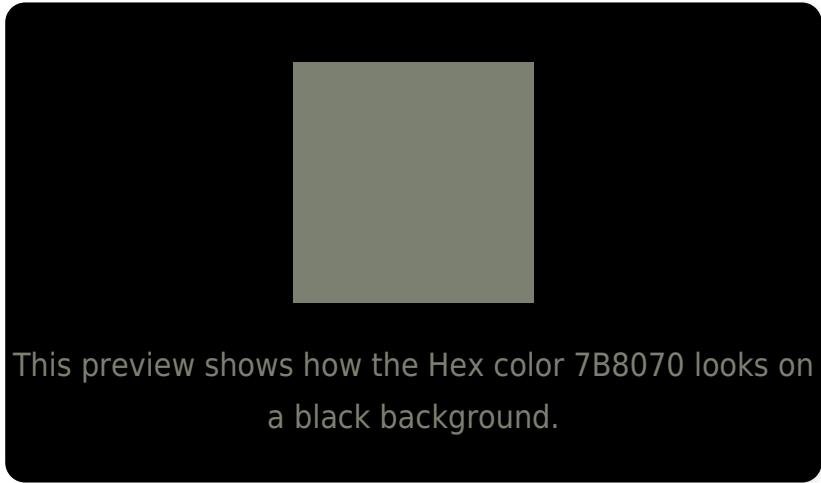
Large Text (above 18pt) WCAG AA ✓ Pass

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

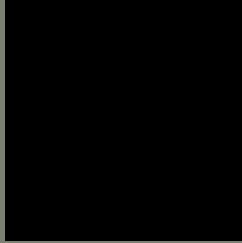
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

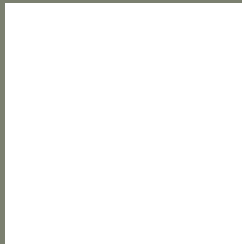
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B8070 Background



This preview shows how black text looks on a background with the Hex color 7B8070.



This preview shows how white text looks on a background with the Hex color 7B8070.

# 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**


7B8070

**Protanopia**

847D6F

**Deuteranopia**

8E7971



**Tritanopia**  
7E7D87

# Trichromacy



**Original Color**  
7B8070

**Protanomaly**  
817E6F

**Deuteranomaly**  
877C71

**Tritanomaly**  
7D7E7F

# Monochromacy



**Original Color**  
7B8070

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
7C7E78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B8070 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 #7B8070 looks like.

```
.text, #text, p{  
    color:#7B8070  
}
```

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 #7B8070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B8070
}
```

## Border

The CSS property to change the border of an element to Hex 7B8070 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
#7B8070 }
```

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

```
.border{ border-color:#7B8070 }
```

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

Here you see how a box with a 4 pixel #7B8070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B8070; -webkit-box-shadow:4px 4px  
4px 4px #7B8070; box-shadow:4px 4px 4px  
4px #7B8070 }
```

# Background

The CSS property to change the background color of an element to Hex 7B8070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B8070 }
```

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

```
.background{ background-color:#7B8070 }
```

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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