

# Converting Colors

Hex(7B8975)

Have a look what the booklet for  
Hex(7B8975) contains.

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# Color

Hex(7B8975)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B8975
RGB	123, 137, 117
RGB Percent	48%, 54%, 46%
CMY	0.5176, 0.4627, 0.5412
CMYK	0.10, 0.00, 0.15, 0.46
HSL	102°, 8%, 50%
HSV	102°, 15%, 54%
XYZ	20.3249, 23.3866, 20.2725
YIQ	130.5340, -1.9240, -9.1880

# Conversions

## Conversions Part 2

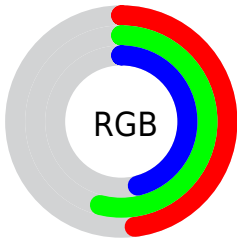
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 137, 131
Decimal	8096117
CIELab	55.47, -9.06, 9.02
CIElCh	55, 12.780, 135.121
Yxy	23.3866, 0.3177, 0.3655
Android (android.graphics.Color)	4286286197 (0xFF7B8975)
YUV	130.5340, -6.6723, -6.6073
Hunter-Lab	48.3597, -9.6084, 8.9974

# Details

The Hex color **7B8975** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **837589**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B0BEA9**, and **4A5745** is the 20% darker color. If you saturate the color by 10%, you get **718967**, and if you desaturate by 10%, it is **858983**.

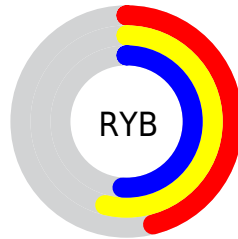
# Distribution



Red (48%)

Green (54%)

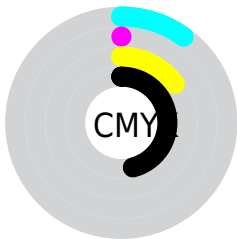
Blue (46%)



Red (46%)

Yellow (54%)

Blue (51%)

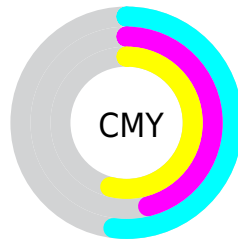


Cyan (10%)

Magenta (0%)

Yellow (15%)

Black (46%)



Cyan (52%)

Magenta (46%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B8975 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 7B8975 by changing the saturation by 10% instead.



 7B8975

 7B8975

FFFFFF

 62705C

 B0BEA9

 4A5745

 CBDAC4

 33402E

 E7F7E0

 1E2A1A

FFFFFFD

 071600

 000000

 7B8975

 7B8975

 718967

 858983

 68895A

 8E8990

 5E894C

 98899E

 55893E

 A189AC

 4B8931

 AB89BA

 418923

 B589C7

 388915

 BE89D5

 2E8907

 C889E3

 298900

 D189F0

# Harmonies

## Analogous

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



88866F



7B8975



708B7F

# Triad

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



7B8975



72879A



9C7D80

# Complementary

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



7B8975



837589

# 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.



987E8B



7B8975



80849A

# Square

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



7B8975



698A94



8E8095



9A7F76

# Rectangle

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



7B8975



6A8B86



8E8095



9C7D83



# Sweetspot

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



7B8975



AEB3AB



898375



565955



D9D9D9



595959



# Same Dimension

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



7B8975



9CB392



758979



40453E



288500



020500



# Inverse Universe

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



837589



A992B3



897585



433E45



5D0085



040005



# Previews

## White Background



This preview shows how the Hex color 7B8975 looks on a white background.

## Color Contrast Check

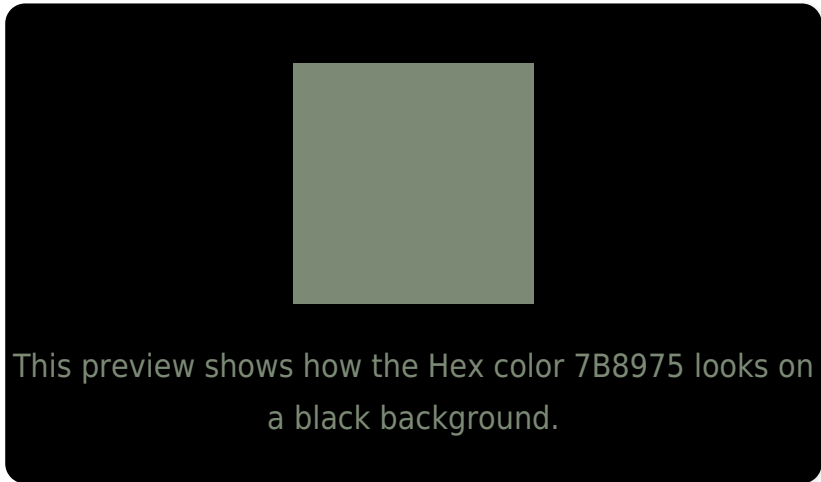
Large Text (above 18pt) WCAG AA ✓ Pass

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

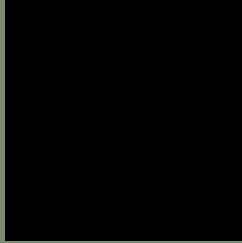
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7B8975 Background



This preview shows how black text looks on a background with the Hex color 7B8975.



This preview shows how white text looks on a background with the Hex color 7B8975.

# 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**

7B8975

**Protanopia**

8B8473

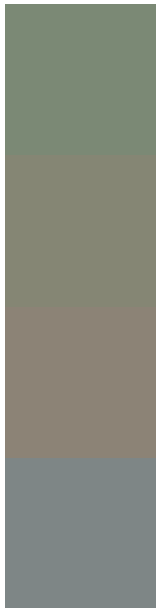
**Deuteranopia**

968077



**Tritanopia**  
7F8590

# Trichromacy



**Original Color**  
7B8975

**Protanomaly**  
858674

**Deuteranomaly**  
8C8376

**Tritanomaly**  
7E8686

# Monochromacy



**Original Color**  
7B8975

**Achromatopsia**  
838383

**Achromatomaly**  
80857E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B8975 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 #7B8975 looks like.

```
.text, #text, p{  
    color:#7B8975  
}
```

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 #7B8975 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B8975
}
```

## Border

The CSS property to change the border of an element to Hex 7B8975 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
#7B8975 }
```

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

```
.border{ border-color:#7B8975 }
```

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

Here you see how a box with a 4 pixel #7B8975 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B8975; -webkit-box-shadow:4px 4px  
4px 4px #7B8975; box-shadow:4px 4px 4px  
4px #7B8975 }
```

# Background

The CSS property to change the background color of an element to Hex 7B8975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B8975 }
```

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

```
.background{ background-color:#7B8975 }
```

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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