

# Converting Colors

Hex(7B8274)

Have a look what the booklet for  
Hex(7B8274) contains.

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# Color

Hex(7B8274)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B8274
RGB	123, 130, 116
RGB Percent	48%, 51%, 45%
CMY	0.5176, 0.4902, 0.5451
CMYK	0.05, 0.00, 0.11, 0.49
HSL	90°, 6%, 48%
HSV	90°, 11%, 51%
XYZ	19.3034, 21.4372, 19.6434
YIQ	126.3110, 0.3220, -5.8380

# Conversions

## Conversions Part 2

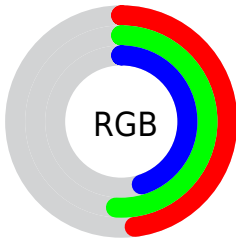
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 130, 123
Decimal	8094324
CIE <sub>Lab</sub>	53.42, -5.34, 6.69
CIE <sub>LCh</sub>	53, 8.560, 128.620
Yxy	21.4372, 0.3197, 0.3550
Android (android.graphics.Color)	4286284404 (0xFF7B8274)
YUV	126.3110, -5.0833, -2.9037
Hunter-Lab	46.3003, -6.6058, 7.2558

# Details

The Hex color **7B8274** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7B7482**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **AFB7A8**, and **4A5144** is the 20% darker color. If you saturate the color by 10%, you get **758267**, and if you desaturate by 10%, it is **828281**.

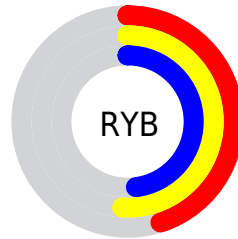
# Distribution



Red (48%)

Green (51%)

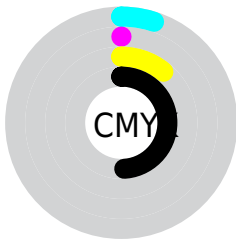
Blue (45%)



Red (45%)

Yellow (51%)

Blue (48%)

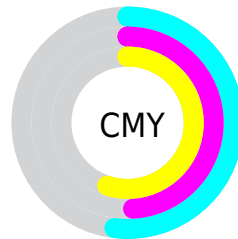


Cyan (5%)

Magenta (0%)

Yellow (11%)

Black (49%)



Cyan (52%)

Magenta (49%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B8274 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 7B8274 by changing the saturation by 10% instead.





7B8274



7B8274

FFFFFF



62695B



AFB7A8



4A5144



CBD2C3



343A2E



E7EFDf



1E2419

FFFFFFC



050F00



000000



7B8274



7B8274



758267



828281



6E825A



88828E

68824D

8E829B

618240

9582A8

5B8233

9B82B5

548226

A282C2

4E8219

A882CF

47820C

AF82DC

418200

B582E9

# Harmonies

## Analogous

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



848071



7B8274



73847A

# Triad

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



7B8274



72828D



8F7B7E

# Complementary

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



7B8274



7B7482

# 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.



8B7B85



7B8274



7B808E

# Square

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



7B8274



6E8388



847D8B



8F7B77

# Rectangle

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



7B8274



6F847F



847D8B



8E7B80



# Sweetspot

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



7B8274



A6A8A3



827B74



525451



D4D4D4



545454



# Same Dimension

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



7B8274



9DA892



748274



3D4039



408000



000000



# Inverse Universe

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



7B7482



9D92A8



827482



3D3940



400080

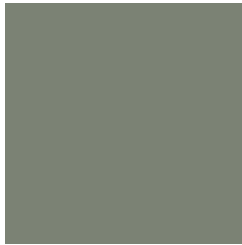


000000



# Previews

## White Background



This preview shows how the Hex color 7B8274 looks on a white background.

## Color Contrast Check

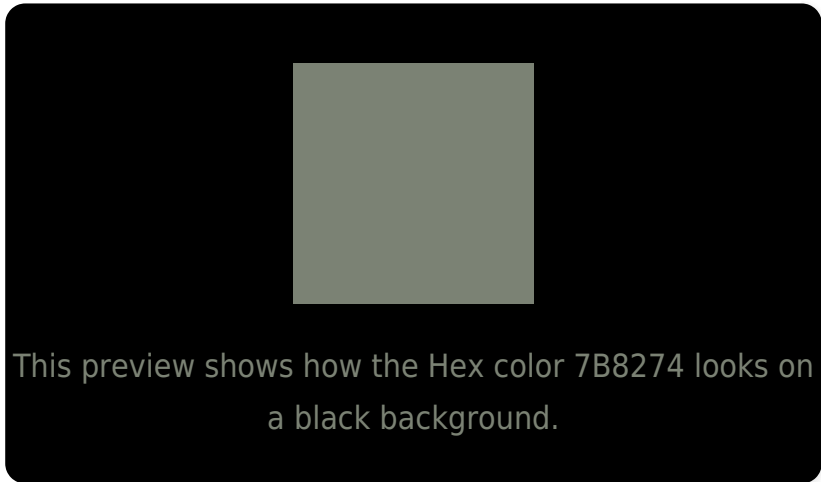
Large Text (above 18pt) WCAG AA ✓ Pass

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

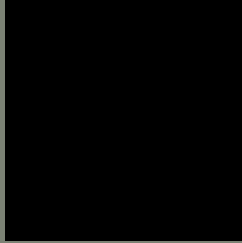
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

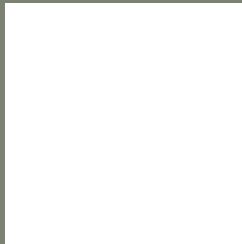
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B8274 Background



This preview shows how black text looks on a background with the Hex color 7B8274.



This preview shows how white text looks on a background with the Hex color 7B8274.

# 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**  
7B8274

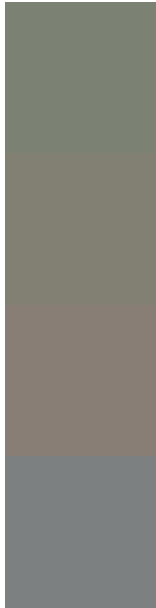
**Protanopia**  
857F72

**Deuteranopia**  
907B75



**Tritanopia**  
7E7F89

# Trichromacy



**Original Color**

7B8274

**Protanomaly**

818073

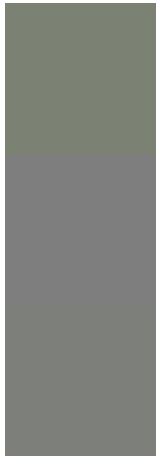
**Deuteranomaly**

887E75

**Tritanomaly**

7D8081

# Monochromacy



**Original Color**

7B8274

**Achromatopsia**

7E7E7E

**Achromatomaly**

7D7F7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B8274 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 #7B8274 looks like.

```
.text, #text, p{  
    color:#7B8274  
}
```

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 #7B8274 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B8274
}
```

## Border

The CSS property to change the border of an element to Hex 7B8274 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
#7B8274 }
```

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

```
.border{ border-color:#7B8274 }
```

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

Here you see how a box with a 4 pixel #7B8274 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B8274; -webkit-box-shadow:4px 4px  
4px 4px #7B8274; box-shadow:4px 4px 4px  
4px #7B8274 }
```

# Background

The CSS property to change the background color of an element to Hex 7B8274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B8274 }
```

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

```
.background{ background-color:#7B8274 }
```

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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