

Converting Colors

Hex(7B8372)

Have a look what the booklet for
Hex(7B8372) contains.

Hex(7B8372)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7B8372)

Conversions

Conversions Part 1

Format	Color
Hex	7B8372
RGB	123, 131, 114
RGB Percent	48%, 51%, 45%
CMY	0.5176, 0.4863, 0.5529
CMYK	0.06, 0.00, 0.13, 0.49
HSL	88°, 7%, 48%
HSV	88°, 13%, 51%
XYZ	19.3219, 21.6585, 19.0817
YIQ	126.6700, 0.6890, -6.9830

Conversions

Conversions Part 2

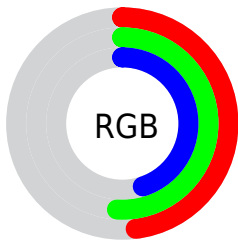
Format	Color
RYB	114, 131, 122
Decimal	8094578
CIELab	53.66, -6.27, 8.19
CIElCh	54, 10.314, 127.471
Yxy	21.6585, 0.3217, 0.3606
Android (android.graphics.Color)	4286284658 (0xFF7B8372)
YUV	126.6700, -6.2463, -3.2186
Hunter-Lab	46.5386, -7.3329, 8.2670

Details

The Hex color **7B8372** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7A7283**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **AFB8A6**, and **4A5242** is the 20% darker color. If you saturate the color by 10%, you get **758365**, and if you desaturate by 10%, it is **81837F**.

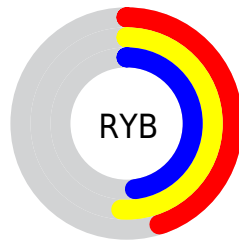
Distribution



Red (48%)

Green (51%)

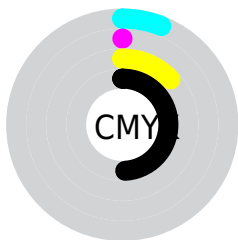
Blue (45%)



Red (45%)

Yellow (51%)

Blue (48%)

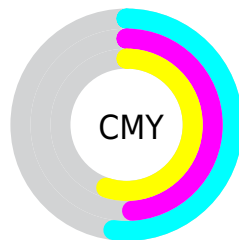


Cyan (6%)

Magenta (0%)

Yellow (13%)

Black (49%)



Cyan (52%)

Magenta (49%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B8372 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 7B8372 by changing the saturation by 10% instead.



7B8372



7B8372

FFFFFF



626A59



AFB8A6



4A5242



CBD4C1



343B2C



E7F0DD



1E2517



FFFFFF9



041000



000000



7B8372



7B8372



758365



81837F



6F8358



87838C

69834B

8D8399

62833E

9483A6

5C8331

9A83B3

568323

A083C1

508316

A683CE

4A8309

AC83DB

458300

B283E8

Harmonies

Analogous

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



85806F



7B8372



718579

Triad

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



7B8372



6F8390



937A7E

Complementary

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



7B8372



7A7283

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.



8E7B87



7B8372



798092

Square

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



7B8372



6A858B



857D8E



937B76

Rectangle

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



7B8372



6D857F



857D8E



927A81

Sweetspot

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



7B8372



A8ABA4



837A72



555752



D6D6D6



575757

Same Dimension

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



7B8372



9EAB90



738372



3F423C



458200



010300

Inverse Universe

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



7A7283



9C90AB



827283



3F3C42



3D0082



010003

Previews

White Background



This preview shows how the Hex color 7B8372 looks on a white background.

Color Contrast Check

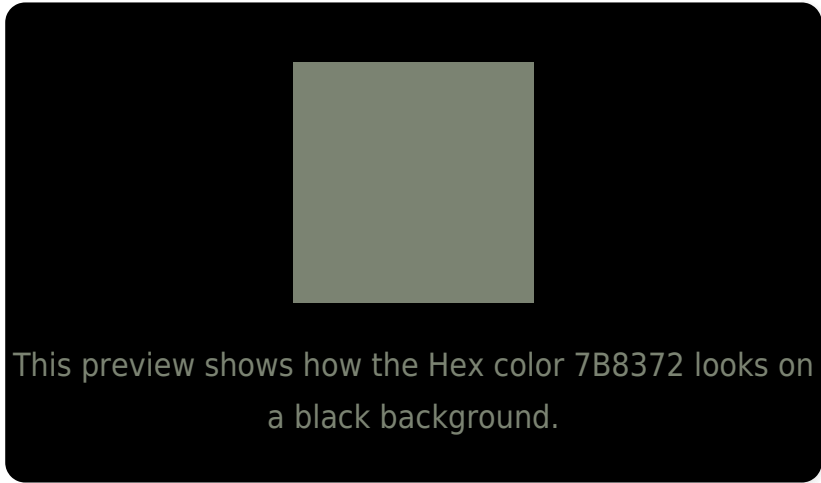
Large Text (above 18pt) WCAG AA ✓ Pass

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

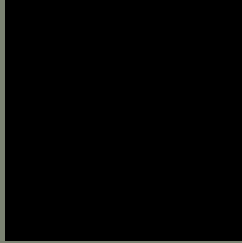
Any Text WCAG AA ✓ Pass

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 7B8372 Background



This preview shows how black text looks on a background with the Hex color 7B8372.



This preview shows how white text looks on a background with the Hex color 7B8372.

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
7B8372

Protanopia
868070

Deuteranopia
917B74



Tritanopia
7F808A

Trichromacy



Original Color
7B8372

Protanomaly
828171

Deuteranomaly
897E73

Tritanomaly
7E8181

Monochromacy



Original Color
7B8372

Achromatopsia
7F7F7F

Achromatomaly
7E807A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B8372 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 #7B8372 looks like.

```
.text, #text, p{  
    color:#7B8372  
}
```

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 #7B8372 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B8372
}
```

Border

The CSS property to change the border of an element to Hex 7B8372 is called "border". The border property can be set on classes, ids or directly on the HTML element.

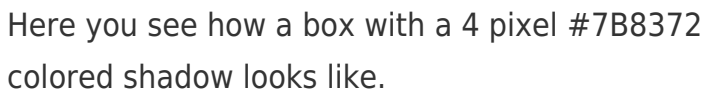
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B8372 }
```

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

```
.border{ border-color:#7B8372 }
```

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



Here you see how a box with a 4 pixel #7B8372 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B8372; -webkit-box-shadow:4px 4px  
4px 4px #7B8372; box-shadow:4px 4px 4px  
4px #7B8372 }
```

Background

The CSS property to change the background color of an element to Hex 7B8372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B8372 }
```

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

```
.background{ background-color:#7B8372 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor