

Converting Colors

Hex(7B9873)

Have a look what the booklet for
Hex(7B9873) contains.

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Color

Hex(7B9873)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7B9873 |
| RGB | 123, 152, 115 |
| RGB Percent | 48%, 60%, 45% |
| CMY | 0.5176, 0.4039, 0.5490 |
| CMYK | 0.19, 0.00, 0.24, 0.40 |
| HSL | 107°, 15%, 52% |
| HSV | 107°, 24%, 60% |
| XYZ | 22.4911, 27.9052, 20.4205 |
| YIQ | 139.1110, -5.4070, -17.6550 |

Conversions

Conversions Part 2

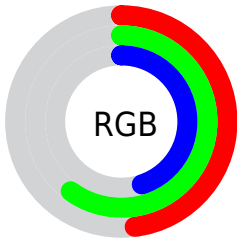
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 115, 152, 144 |
| Decimal | 8099955 |
| CIE _{Lab} | 59.80, -17.47, 16.21 |
| CIE _{LCh} | 60, 23.838, 137.142 |
| Yxy | 27.9052, 0.3176, 0.3940 |
| Android (android.graphics.Color) | 4286290035 (0xFF7B9873) |
| YUV | 139.1110, -11.8867, -14.1293 |
| Hunter-Lab | 52.8254, -16.4457, 14.0583 |

Details

The Hex color **7B9873** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **907398**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **B0CEA7**, and **4A6543** is the 20% darker color. If you saturate the color by 10%, you get **6F9864**, and if you desaturate by 10%, it is **879882**.

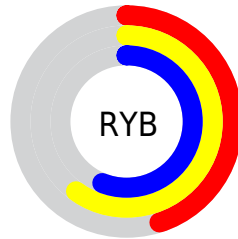
Distribution



Red (48%)

Green (60%)

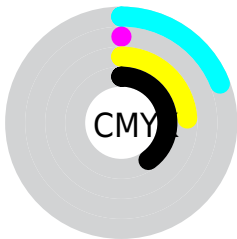
Blue (45%)



Red (45%)

Yellow (60%)

Blue (56%)

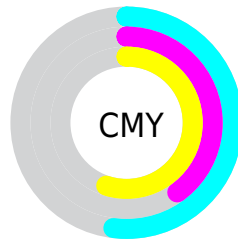


Cyan (19%)

Magenta (0%)

Yellow (24%)

Black (40%)



Cyan (52%)

Magenta (40%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B9873 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 7B9873 by changing the saturation by 10% instead.

 7B9873

 7B9873

FFFFFF

 627E5A

 B0CEA7

 4A6543

 CCEBC2

 324D2C

 E8FFDE

 1C3617

 FFFFFB

 082000

 000000

 7B9873

 7B9873

 6F9864

 879882

 639855

 939891

■ 579845

■ 9F98A1

■ 4B9836

■ AB98B0

■ 3F9827

■ B798BF

■ 349818

■ C298CE

■ 289809

■ CE98DD

■ 219800

■ DA98ED

■ E698FC

Harmonies

Analogous

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



939368



7B9873



639B86

Triad

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



7B9873



6995B8



BB8185

Complementary

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



7B9873



907398

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.



B4829A



7B9873



878EB8

Square

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



7B9873



549AAE



A287AD



B68572

Rectangle

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



7B9873



579C95



A287AD



BA818C

Sweetspot

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



7B9873



BAC4B7



989073



5D635B



E3E3E3



636363

Same Dimension

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



7B9873



98C48B



73987D



474D45



1E8C00



030D00

Inverse Universe

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



907398



B88BC4



98738E



4B454D



6E008C



0A000D

Previews

White Background



This preview shows how the Hex color 7B9873 looks on a white background.

Color Contrast Check

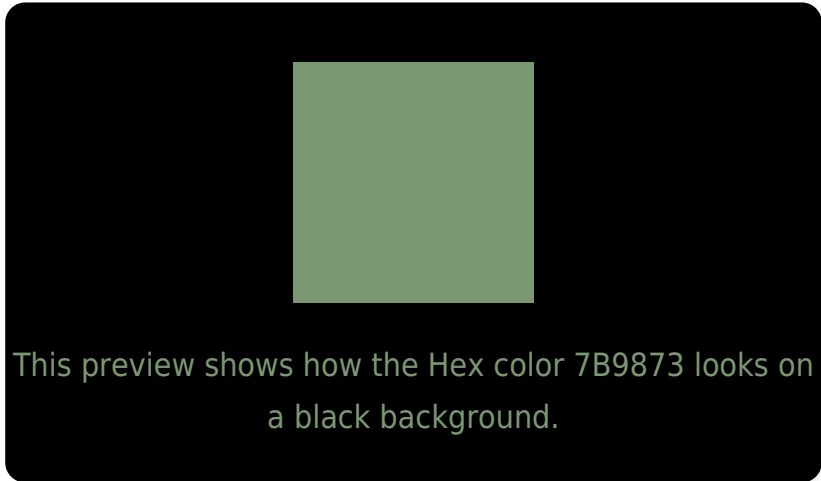
Large Text (above 18pt) WCAG AA ✓ Pass

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

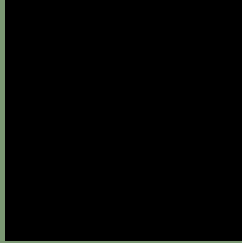
Any Text WCAG AA ✓ Pass

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 7B9873 Background



This preview shows how black text looks on a background with the Hex color 7B9873.



This preview shows how white text looks on a background with the Hex color 7B9873.

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





Tritanopia
82929E

Trichromacy



Original Color
7B9873

Protanomaly
8E9270

Deuteranomaly
978F75

Tritanomaly
7F948E

Monochromacy



Original Color
7B9873

Achromatopsia
8B8B8B

Achromatomaly
859082

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B9873 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 #7B9873 looks like.

```
.text, #text, p{  
    color:#7B9873  
}
```

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 #7B9873 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B9873  
}
```

Border

The CSS property to change the border of an element to Hex 7B9873 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  
#7B9873 }
```

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

```
.border{ border-color:#7B9873 }
```

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

Here you see how a box with a 4 pixel #7B9873 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B9873; -webkit-box-shadow:4px 4px  
4px 4px #7B9873; box-shadow:4px 4px 4px  
4px #7B9873 }
```

Background

The CSS property to change the background color of an element to Hex 7B9873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B9873 }
```

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

```
.background{ background-color:#7B9873 }
```

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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