

Converting Colors

Hex(7B8768)

Have a look what the booklet for
Hex(7B8768) contains.

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Color

Hex(7B8768)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 7B8768 |
| RGB | 123, 135, 104 |
| RGB Percent | 48%, 53%, 41% |
| CMY | 0.5176, 0.4706, 0.5922 |
| CMYK | 0.09, 0.00, 0.23, 0.47 |
| HSL | 83°, 13%, 47% |
| HSV | 83°, 23%, 53% |
| XYZ | 19.3310, 22.5384, 16.4282 |
| YIQ | 127.8780, 2.7990, -12.1850 |

Conversions

Conversions Part 2

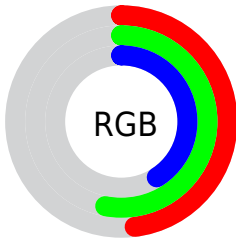
| Format | Color |
|-------------------------------------|--|
| RYB | 104, 135, 116 |
| Decimal | 8095592 |
| CIELab | 54.59, -10.24, 15.24 |
| CIElCh | 55, 18.361, 123.901 |
| Yxy | 22.5384, 0.3316, 0.3866 |
| Android (android.graphics.Color) | 4286285672 (0xFF7B8768) |
| YUV | 127.8780, -11.7719, -4.2780 |
| Hunter-Lab | 47.4746, -10.3977, 12.7154 |

Details

The Hex color **7B8768** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **746887**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B0BC9B**, and **4A5539** is the 20% darker color. If you saturate the color by 10%, you get **76875B**, and if you desaturate by 10%, it is **808776**.

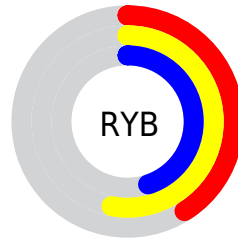
Distribution



Red (48%)

Green (53%)

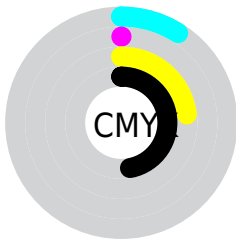
Blue (41%)



Red (41%)

Yellow (53%)

Blue (45%)

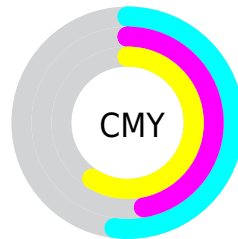


Cyan (9%)

Magenta (0%)

Yellow (23%)

Black (47%)



Cyan (52%)

Magenta (47%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B8768 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 7B8768 by changing the saturation by 10% instead.



7B8768



7B8768

FFFFFF



626E50



B0BC9B



4A5539



CBD8B6



333E23



E7F4D2



1E280E



FFFFEE



001500



000000



7B8768



7B8768



76875B



808776



71874D



858783

 6B873F

 8B8791

 668732

 90879E

 618725

 9587AC

 5C8717

 9A87B9

 56870A

 A087C7

 538700

 A587D4

 AA87E2

Harmonies

Analogous

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



8C8263



7B8768



698A74

Triad

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



7B8768



5F889F



A27781

Complementary

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



7B8768



746887

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.



997991



7B8768



7383A2

Square

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



7B8768



568B94



887E9D



A27972

Rectangle

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



7B8768



5F8B7F



887E9D



A07886

Sweetspot

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



7B8768



ABB0A4



877468



565952



D9D9D9



595959

Same Dimension

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



7B8768



9DB07F



6C8768



40423C



508200



020300

Inverse Universe

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



746887



927FB0



836887



3E3C42



320082



010003

Previews

White Background



This preview shows how the Hex color 7B8768 looks on a white background.

Color Contrast Check

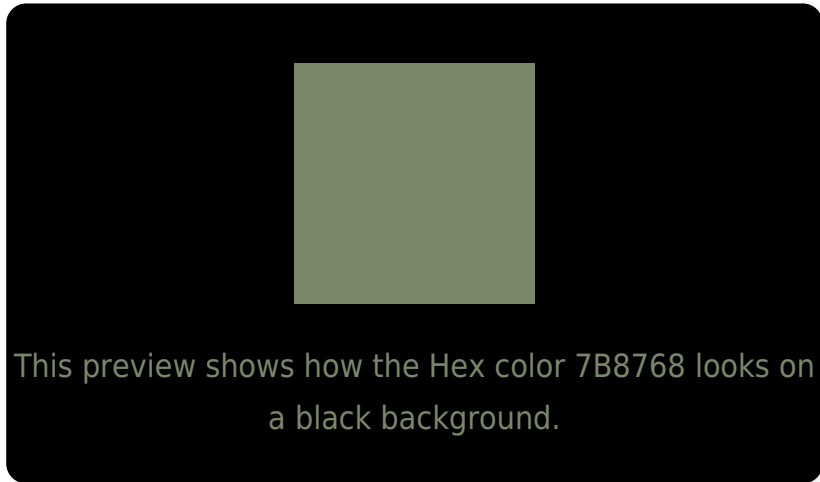
Large Text (above 18pt) WCAG AA ✓ Pass

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

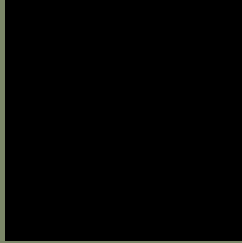
Any Text WCAG AA ✓ Pass

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 7B8768 Background



This preview shows how black text looks on a background with the Hex color 7B8768.



This preview shows how white text looks on a background with the Hex color 7B8768.

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
7B8768

Protanopia
8B8266

Deuteranopia
977D6A



Tritanopia
80828C

Trichromacy



Original Color
7B8768

Protanomaly
858467

Deuteranomaly
8D8169

Tritanomaly
7E847F

Monochromacy



Original Color
7B8768

Achromatopsia
808080

Achromatomaly
7E8377

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B8768 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 #7B8768 looks like.

```
.text, #text, p{  
    color:#7B8768  
}
```

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 #7B8768 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B8768
}
```

Border

The CSS property to change the border of an element to Hex 7B8768 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
#7B8768 }
```

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

```
.border{ border-color:#7B8768 }
```

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

Here you see how a box with a 4 pixel #7B8768 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B8768; -webkit-box-shadow:4px 4px  
4px 4px #7B8768; box-shadow:4px 4px 4px  
4px #7B8768 }
```

Background

The CSS property to change the background color of an element to Hex 7B8768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B8768 }
```

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

```
.background{ background-color:#7B8768 }
```

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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