

# Converting Colors

Hex(7B844B)

Have a look what the booklet for  
Hex(7B844B) contains.

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**Color**

**Hex(7B844B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B844B
RGB	123, 132, 75
RGB Percent	48%, 52%, 29%
CMY	0.5176, 0.4824, 0.7059
CMYK	0.07, 0.00, 0.43, 0.48
HSL	69°, 28%, 41%
HSV	69°, 43%, 52%
XYZ	17.6896, 21.2215, 9.8204
YIQ	122.8110, 12.9330, -19.6350

# Conversions

## Conversions Part 2

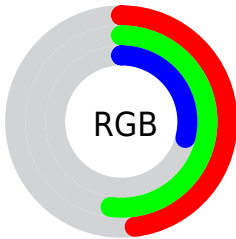
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 132, 84
Decimal	8094795
CIELab	53.19, -12.77, 29.60
CIELCh	53, 32.238, 113.326
Yxy	21.2215, 0.3630, 0.4355
Android (android.graphics.Color)	4286284875 (0xFF7B844B)
YUV	122.8110, -23.5708, 0.1658
Hunter-Lab	46.0668, -12.0729, 19.6074

# Details

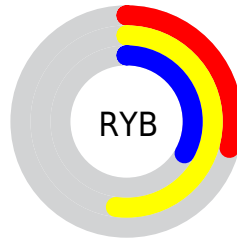
The Hex color **7B844B** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **544B84**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B0B97D**, and **49531D** is the 20% darker color. If you saturate the color by 10%, you get **79843E**, and if you desaturate by 10%, it is **7D8458**.

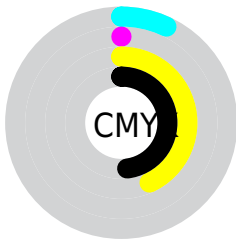
# Distribution



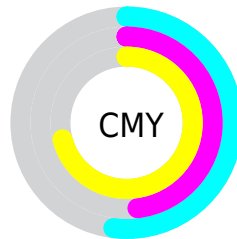
- Red (48%)
- Green (52%)
- Blue (29%)



- Red (29%)
- Yellow (52%)
- Blue (33%)



- Cyan (7%)
- Magenta (0%)
- Yellow (43%)
- Black (48%)



- Cyan (52%)
- Magenta (48%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B844B 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 7B844B by changing the saturation by 10% instead.



 7B844B

 7B844B


FFFFFF

 616B33

 B0B97D

 49531D

 CCD597

 313C05

 E9F1B2

 1B2600

 FFFFCE

 001300

 FFFFEA

 000000

 7B844B

 7B844B

 79843E

 7D8458

 778431

 7F8465

 758423

 818473

 738416

 838480

 718409

 85848D

 6F8400

 88849A

 8A84A7

 8C84B5

 8E84C2

# Harmonies

## Analogous

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



977B48



7B844B



5B8A5D

# Triad

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



7B844B



048AAB



B06A86

# Complementary

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



7B844B



544B84

# 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.



9C70A0



7B844B



4A84B6

# Square

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



7B844B



008D94



797AB2



B56A6A

# Rectangle

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



7B844B



428D6E



797AB2



AB6B90



# Sweetspot

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



7B844B



A7AB95



84544B



555749



D6D6D6



575757



# Same Dimension

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



7B844B



9DAB52



5F844B



41423C



6E8200



020300



# Inverse Universe

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



544B84



6052AB



704B84



3D3C42



150082



000003



# Previews

## White Background



This preview shows how the Hex color 7B844B looks on a white background.

## Color Contrast Check

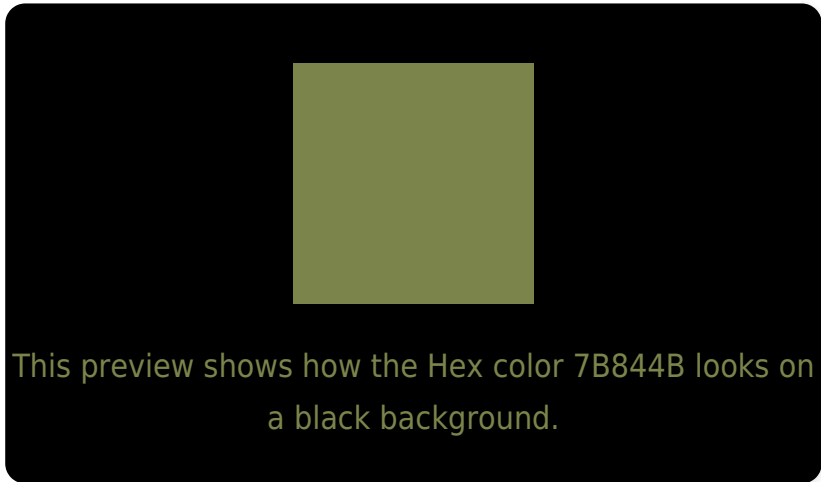
Large Text (above 18pt) WCAG AA ✓ Pass

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

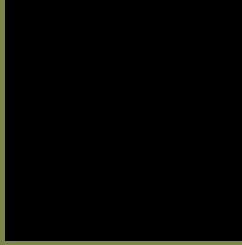
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7B844B Background



This preview shows how black text looks on a background with the Hex color 7B844B.



This preview shows how white text looks on a background with the Hex color 7B844B.

# 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**  
7B844B

**Protanopia**  
8B7F49

**Deuteranopia**  
9A794E



**Tritanopia**  
827D87

# Trichromacy



**Original Color**  
7B844B

**Protanomaly**  
85814A

**Deuteranomaly**  
8F7D4D

**Tritanomaly**  
7F8071

# Monochromacy



**Original Color**  
7B844B

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7B7E6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B844B 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 #7B844B looks like.

```
.text, #text, p{  
    color:#7B844B  
}
```

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 #7B844B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B844B
}
```

## Border

The CSS property to change the border of an element to Hex 7B844B 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
#7B844B }
```

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

```
.border{ border-color:#7B844B }
```

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

Here you see how a box with a 4 pixel #7B844B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B844B; -webkit-box-shadow:4px 4px  
4px 4px #7B844B; box-shadow:4px 4px 4px  
4px #7B844B }
```

# Background

The CSS property to change the background color of an element to Hex 7B844B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B844B }
```

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

```
.background{ background-color:#7B844B }
```

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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