

Converting Colors

Hex(7B7E49)

Have a look what the booklet for
Hex(7B7E49) contains.

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Color

Hex(7B7E49)

Conversions

Conversions Part 1

Format	Color
Hex	7B7E49
RGB	123, 126, 73
RGB Percent	48%, 49%, 29%
CMY	0.5176, 0.5059, 0.7137
CMYK	0.02, 0.00, 0.42, 0.51
HSL	63°, 27%, 39%
HSV	63°, 42%, 49%
XYZ	16.8318, 19.6137, 9.2020
YIQ	119.0610, 15.2250, -17.1190

Conversions

Conversions Part 2

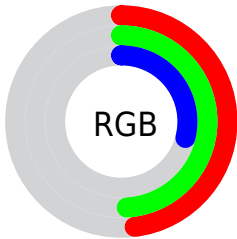
Format	Color
RYB	73, 126, 76
Decimal	8093257
CIELab	51.40, -9.73, 28.43
CIELCh	51, 30.052, 108.883
Yxy	19.6137, 0.3687, 0.4297
Android (android.graphics.Color)	4286283337 (0xFF7B7E49)
YUV	119.0610, -22.7081, 3.4545
Hunter-Lab	44.2874, -9.6623, 18.6819

Details

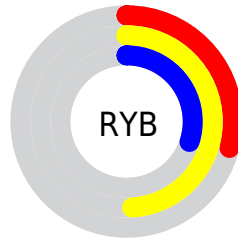
The Hex color **7B7E49** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4C497E**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B0B37B**, and **494D1B** is the 20% darker color. If you saturate the color by 10%, you get **7A7E3C**, and if you desaturate by 10%, it is **7C7E56**.

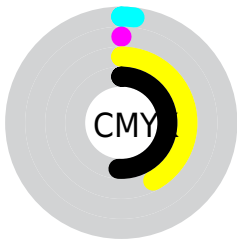
Distribution



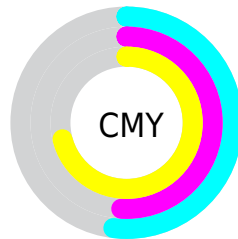
- Red (48%)
- Green (49%)
- Blue (29%)



- Red (29%)
- Yellow (49%)
- Blue (30%)



- Cyan (2%)
- Magenta (0%)
- Yellow (42%)
- Black (51%)



- Cyan (52%)
- Magenta (51%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B7E49 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 7B7E49 by changing the saturation by 10% instead.



7B7E49



7B7E49

FFFFFF



616532



B0B37B



494D1B



CCCE95



313603



E9EAB0



1B2100



FFFFCB



000A00



FFFFE7



000000



7B7E49



7B7E49



7A7E3C



7C7E56



7A7E30



7C7E62

 797E23

 7D7E6F

 787E17

 7E7E7B

 777E0A

 7F7E88

 777E00

 7F7E95

 807EA1

 817EAE

 817EBA

Harmonies

Analogous

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



947648



7B7E49



5E8458

Triad

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



7B7E49



1286A0



A66785

Complementary

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



7B7E49



4C497E

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.



916E9C



7B7E49



4480AC

Square

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



7B7E49



13888A



6F77AB



AD676B

Rectangle

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



7B7E49



488767



6F77AB



A1698E

Sweetspot

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



7B7E49



A2A38E



7E4C49



515245



D1D1D1



525252

Same Dimension

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



7B7E49



9FA352



617E49



3F4039



788000



000000

Inverse Universe

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



4C497E



5652A3



66497E



3A3940



070080



000000

Previews

White Background



This preview shows how the Hex color 7B7E49 looks on a white background.

Color Contrast Check

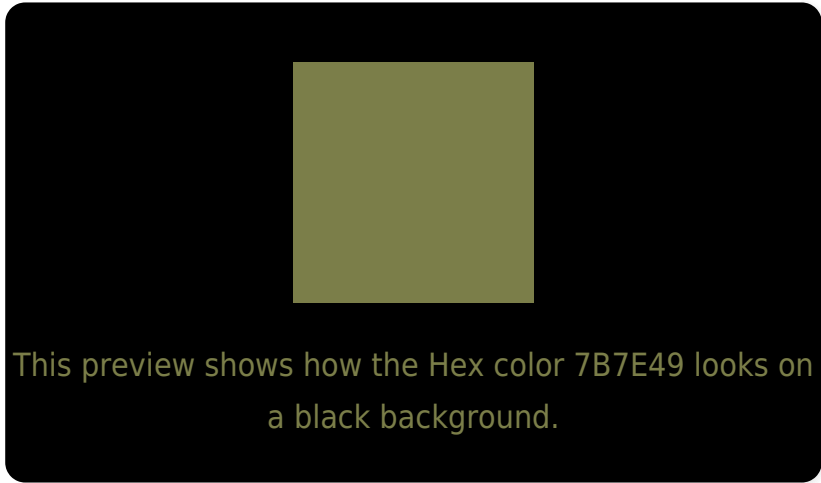
Large Text (above 18pt) WCAG AA ✓ Pass

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

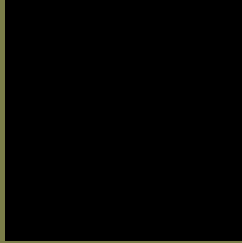
Any Text WCAG AA ✓ Pass

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 7B7E49 Background



This preview shows how black text looks on a background with the Hex color 7B7E49.



This preview shows how white text looks on a background with the Hex color 7B7E49.

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

7B7E49

Protanopia

867A48

Deuteranopia

94754B



Tritanopia
817781

Trichromacy



Original Color
7B7E49

Protanomaly
827B48

Deuteranomaly
8B784A

Tritanomaly
7F7A6D

Monochromacy



Original Color
7B7E49

Achromatopsia
777777

Achromatomaly
787A66

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7E49 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 #7B7E49 looks like.

```
.text, #text, p{  
    color:#7B7E49  
}
```

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 #7B7E49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7E49
}
```

Border

The CSS property to change the border of an element to Hex 7B7E49 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
#7B7E49 }
```

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

```
.border{ border-color:#7B7E49 }
```

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

Here you see how a box with a 4 pixel #7B7E49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7E49; -webkit-box-shadow:4px 4px  
4px 4px #7B7E49; box-shadow:4px 4px 4px  
4px #7B7E49 }
```

Background

The CSS property to change the background color of an element to Hex 7B7E49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7E49 }
```

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

```
.background{ background-color:#7B7E49 }
```

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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