

Converting Colors

Hex(7B7049)

Have a look what the booklet for
Hex(7B7049) contains.

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Color

Hex(7B7049)

Conversions

Conversions Part 1

Format	Color
Hex	7B7049
RGB	123, 112, 73
RGB Percent	48%, 44%, 29%
CMY	0.5176, 0.5608, 0.7137
CMYK	0.00, 0.09, 0.41, 0.52
HSL	47°, 26%, 38%
HSV	47°, 41%, 48%
XYZ	15.1651, 16.2803, 8.6465
YIQ	110.8430, 19.0750, -9.7970

Conversions

Conversions Part 2

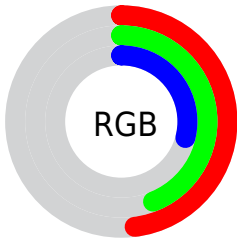
Format	Color
RYB	87, 123, 73
Decimal	8089673
CIELab	47.34, -1.83, 23.24
CIELCh	47, 23.314, 94.498
Yxy	16.2803, 0.3783, 0.4061
Android (android.graphics.Color)	4286279753 (0xFF7B7049)
YUV	110.8430, -18.6566, 10.6617
Hunter-Lab	40.3489, -3.5213, 15.5388

Details

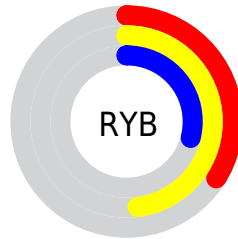
The Hex color **7B7049** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **49547B**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **B0A47A**, and **49401C** is the 20% darker color. If you saturate the color by 10%, you get **7B6D3D**, and if you desaturate by 10%, it is **7B7355**.

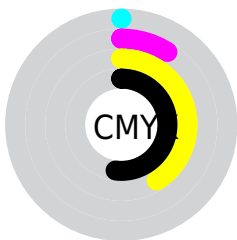
Distribution



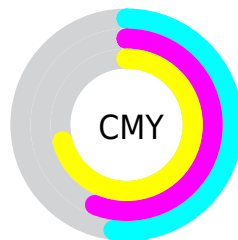
- Red (48%)
- Green (44%)
- Blue (29%)



- Red (34%)
- Yellow (48%)
- Blue (29%)



- Cyan (0%)
- Magenta (9%)
- Yellow (41%)
- Black (52%)



- Cyan (52%)
- Magenta (56%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B7049 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 7B7049 by changing the saturation by 10% instead.



7B7049



7B7049

FFFFFF



625832



B0A47A



49401C



CCBF94



322B04



E9DAAF



1B1600



FFF7CA



000000



FFFFE7



7B7049



7B7049



7B6D3D



7B7355



7B6B30



7B7562

 7B6824

 7B786E

 7B6518

 7B7B7A

 7B620B

 7B7E87

 7B6000

 7B8093

 7B839F

 7B86AB

 7B88B8

Harmonies

Analogous

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



8C694D



7B7049



66764F

Triad

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



7B7049



2F7A86



8C6482

Complementary

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



7B7049



49547B

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.



776A91



7B7049



3E7793

Square

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



7B7049



397B73



5B7197



96616E

Rectangle

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



7B7049



577959



5B7197



866687

Sweetspot

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



7B7049



A19C8D



7B4955



524F46



D1D1D1



525252

Same Dimension

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



7B7049



A18F52



6E7B49



3D3C37



7D6100



FCC500

Inverse Universe

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



49547B



5263A1



56497B



37383D



001B7D



0038FC

Previews

White Background



This preview shows how the Hex color 7B7049 looks on a white background.

Color Contrast Check

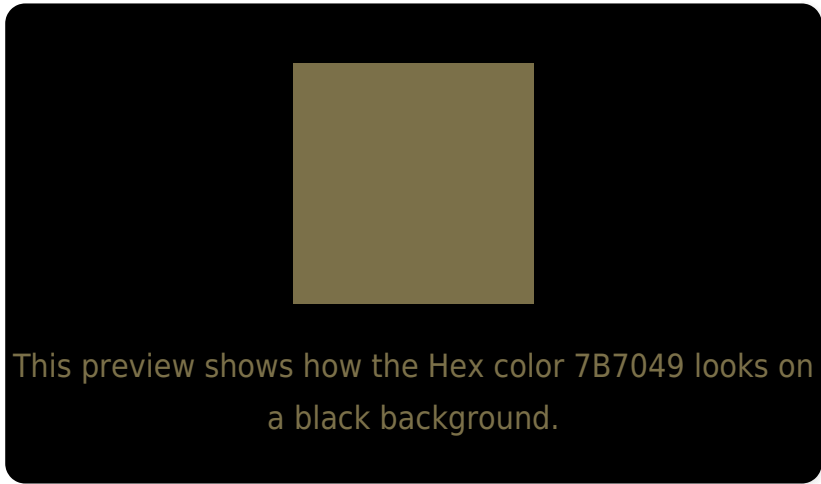
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

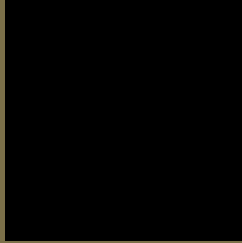
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 7B7049 Background



This preview shows how black text looks on a background with the Hex color 7B7049.



This preview shows how white text looks on a background with the Hex color 7B7049.

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
7B7049

Protanopia
7A7049

Deuteranopia
876B4A



Tritanopia
7F6B73

Trichromacy



Original Color
7B7049

Protanomaly
7A7049

Deuteranomaly
836D4A

Tritanomaly
7E6D64

Monochromacy



Original Color
7B7049

Achromatopsia
6F6F6F

Achromatomaly
736F61

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7049 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 #7B7049 looks like.

```
.text, #text, p{  
    color:#7B7049  
}
```

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 #7B7049 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7049
}
```

Border

The CSS property to change the border of an element to Hex 7B7049 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".

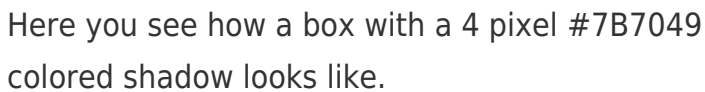
```
.border, #border, table{ border:4px solid
#7B7049 }
```

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

```
.border{ border-color:#7B7049 }
```

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

Here you see how a box with a 4 pixel #7B7049 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7049; -webkit-box-shadow:4px 4px  
4px 4px #7B7049; box-shadow:4px 4px 4px  
4px #7B7049 }
```

Background

The CSS property to change the background color of an element to Hex 7B7049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7049 }
```

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

```
.background{ background-color:#7B7049 }
```

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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