

# Converting Colors

Hex(7B7C4D)

Have a look what the booklet for  
Hex(7B7C4D) contains.

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# Color

Hex(7B7C4D)

# Conversions

## Conversions Part 1

Format	Color
Hex	7B7C4D
RGB	123, 124, 77
RGB Percent	48%, 49%, 30%
CMY	0.5176, 0.5137, 0.6980
CMYK	0.01, 0.00, 0.38, 0.51
HSL	61°, 23%, 39%
HSV	61°, 38%, 49%
XYZ	16.7156, 19.1621, 9.8388
YIQ	118.3430, 14.4910, -14.8290

# Conversions

## Conversions Part 2

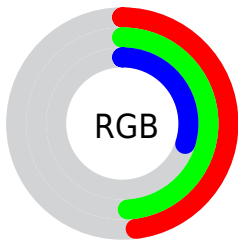
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 124, 78
Decimal	8092749
CIELab	50.88, -8.13, 25.56
CIELCh	51, 26.817, 107.641
Yxy	19.1621, 0.3656, 0.4192
Android (android.graphics.Color)	4286282829 (0xFF7B7C4D)
YUV	118.3430, -20.3821, 4.0842
Hunter-Lab	43.7745, -8.4440, 17.3161

# Details

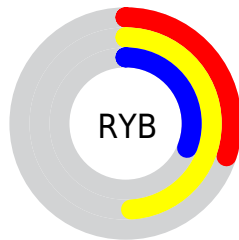
The Hex color **7B7C4D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4E4D7C**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B0B07F**, and **494B1F** is the 20% darker color. If you saturate the color by 10%, you get **7B7C41**, and if you desaturate by 10%, it is **7B7C59**.

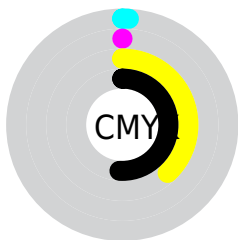
# Distribution



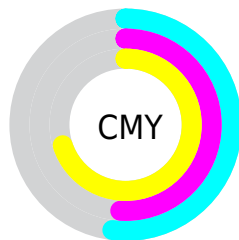
- Red (48%)
- Green (49%)
- Blue (30%)



- Red (30%)
- Yellow (49%)
- Blue (31%)



- Cyan (1%)
- Magenta (0%)
- Yellow (38%)
- Black (51%)



- Cyan (52%)
- Magenta (51%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B7C4D 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 7B7C4D by changing the saturation by 10% instead.



 7B7C4D

 7B7C4D

FFFFFF

 626336

 B0B07F

 494B1F

 CCCC99

 323509

 E8E8B4

 1C2000

 FFFFCF

 000600

 FFFFEC

 000000

 7B7C4D

 7B7C4D

 7B7C41

 7B7C59

 7A7C34

 7C7C66

 7A7C28

 7C7C72

 7A7C1B

 7C7C7F

 7A7C0F

 7C7C8B

 797C03

 7D7C97

 797C00

 7D7CA4

 7D7CB0

 7D7CBD

# Harmonies

## Analogous

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



91744D



7B7C4D



61825A

# Triad

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



7B7C4D



2B839A



A06984

# Complementary

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



7B7C4D



4E4D7C

# 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.



8D6E98



7B7C4D



4A7EA5

# Square

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



7B7C4D



2B8686



6E77A5



A6686C

# Rectangle

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



7B7C4D



4F8467



6E77A5



9B6A8B



# Sweetspot

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



7B7C4D



A0A18F



7C4E4D



515247



D1D1D1



525252



# Same Dimension

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



7B7C4D



9FA158



647C4D



3D3D37



7A7D00



F7FC00



# Inverse Universe

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



4E4D7C



5A58A1



654D7C



37373D



03007D



0500FC



# Previews

## White Background



This preview shows how the Hex color 7B7C4D looks on a white background.

## Color Contrast Check

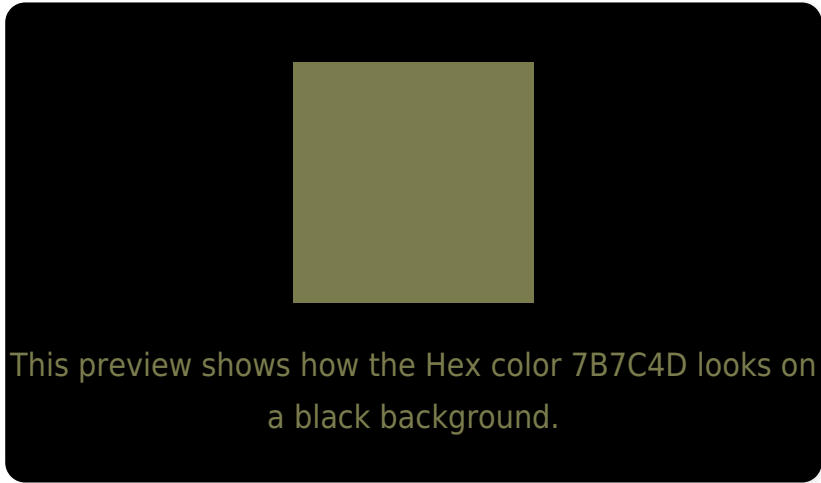
Large Text (above 18pt) WCAG AA ✓ Pass

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

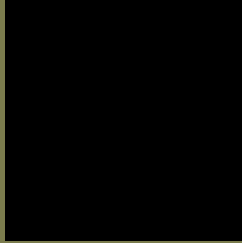
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7B7C4D Background



This preview shows how black text looks on a background with the Hex color 7B7C4D.



This preview shows how white text looks on a background with the Hex color 7B7C4D.

# 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](#).

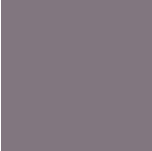
## Dichromacy



**Original Color**  
7B7C4D

**Protanopia**  
84794C

**Deuteranopia**  
92744F



**Tritanopia**  
81767F

# Trichromacy



**Original Color**  
7B7C4D

**Protanomaly**  
817A4C

**Deuteranomaly**  
8A774E

**Tritanomaly**  
7F786D

# Monochromacy



**Original Color**  
7B7C4D

**Achromatopsia**  
767676

**Achromatomaly**  
787867

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B7C4D 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 #7B7C4D looks like.

```
.text, #text, p{  
    color:#7B7C4D  
}
```

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 #7B7C4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7C4D
}
```

## Border

The CSS property to change the border of an element to Hex 7B7C4D 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
#7B7C4D }
```

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

```
.border{ border-color:#7B7C4D }
```

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

Here you see how a box with a 4 pixel #7B7C4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7C4D; -webkit-box-shadow:4px 4px  
4px 4px #7B7C4D; box-shadow:4px 4px 4px  
4px #7B7C4D }
```

# Background

The CSS property to change the background color of an element to Hex 7B7C4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7C4D }
```

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

```
.background{ background-color:#7B7C4D }
```

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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