

# Converting Colors

Hex(7B7144)

Have a look what the booklet for  
Hex(7B7144) contains.

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**Color**

**Hex(7B7144)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B7144
RGB	123, 113, 68
RGB Percent	48%, 44%, 27%
CMY	0.5176, 0.5569, 0.7333
CMYK	0.00, 0.08, 0.45, 0.52
HSL	49°, 29%, 37%
HSV	49°, 45%, 48%
XYZ	15.1169, 16.4386, 7.8451
YIQ	110.8600, 20.4050, -11.8750

# Conversions

## Conversions Part 2

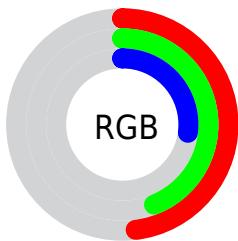
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 123, 68
Decimal	8089924
CIELab	47.54, -3.00, 26.34
CIElCh	48, 26.507, 96.494
Yxy	16.4386, 0.3837, 0.4172
Android (android.graphics.Color)	4286280004 (0xFF7B7144)
YUV	110.8600, -21.1300, 10.6468
Hunter-Lab	40.5445, -4.3997, 16.9090

# Details

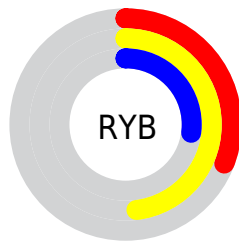
The Hex color **7B7144** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **444E7B**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **B1A575**, and **494117** is the 20% darker color. If you saturate the color by 10%, you get **7B6F38**, and if you desaturate by 10%, it is **7B7350**.

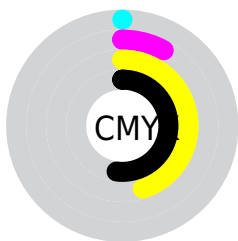
# Distribution



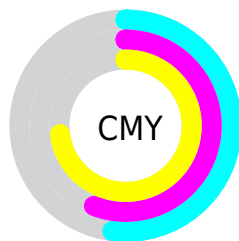
- Red (48%)
- Green (44%)
- Blue (27%)



- Red (31%)
- Yellow (48%)
- Blue (27%)



- Cyan (0%)
- Magenta (8%)
- Yellow (45%)
- Black (52%)



- Cyan (52%)
- Magenta (56%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B7144 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 7B7144 by changing the saturation by 10% instead.





7B7144



7B7144

FFFFFF



61592D



B1A575



494117



CCC08F



322B00



E9DCA9



1A1700



FFF8C5



000000



FFFFE1

FFFFFFE



7B7144



7B7144



7B6F38



7B7350

 7B6D2B

 7B755D

 7B6A1F

 7B7869

 7B6813

 7B7A75

 7B6607

 7B7C82

 7B6500

 7B7E8E

 7B819A

 7B83A6

 7B85B3

# Harmonies

## Analogous

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



8E6948



7B7144



63774C

# Triad

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



7B7144



1B7C8B



916283

# Complementary

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



7B7144



444E7B

# 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.



7A6995



7B7144



347899

# Square

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



7B7144



2B7D75



59719D



9C606D

# Rectangle

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



7B7144



517A57



59719D



8B648A



# Sweetspot

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



7B7144



A19D8C



7B444E



524F45



D1D1D1



525252



# Same Dimension

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



7B7144



A1914A



6A7B44



3D3C37



7D6600



FCCF00



# Inverse Universe

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



444E7B



4A5AA1



55447B



37383D



00177D



002EFC



# Previews

## White Background



This preview shows how the Hex color 7B7144 looks on a white background.

## Color Contrast Check

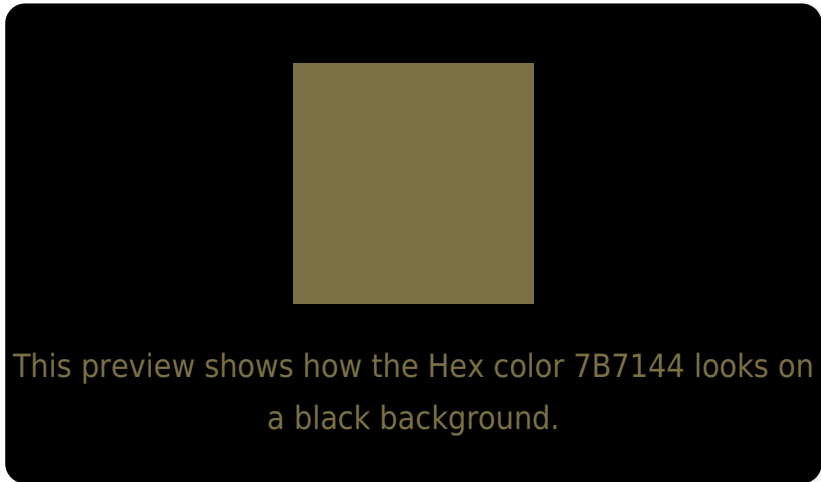
Large Text (above 18pt) WCAG AA ✓ Pass

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

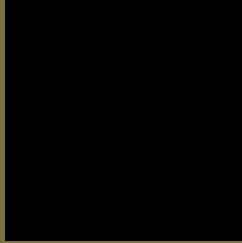
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B7144 Background



This preview shows how black text looks on a background with the Hex color 7B7144.



This preview shows how white text looks on a background with the Hex color 7B7144.

# 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**

7B7144

**Protanopia**

7B7144

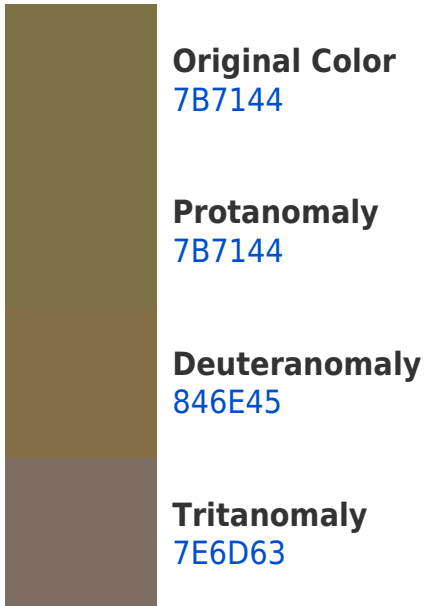
**Deuteranopia**

896C45

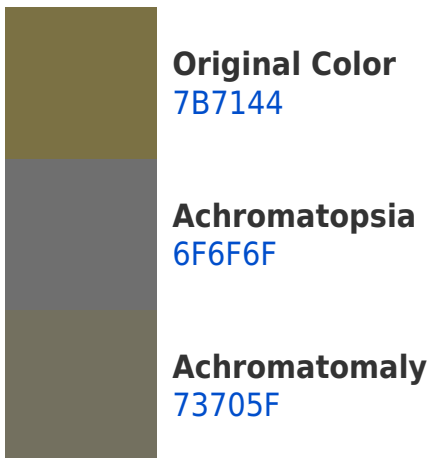


**Tritanopia**  
806B74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B7144 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 #7B7144 looks like.

```
.text, #text, p{  
    color:#7B7144  
}
```

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 #7B7144 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7144
}
```

## Border

The CSS property to change the border of an element to Hex 7B7144 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
#7B7144 }
```

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

```
.border{ border-color:#7B7144 }
```

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

Here you see how a box with a 4 pixel #7B7144 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7144; -webkit-box-shadow:4px 4px  
4px 4px #7B7144; box-shadow:4px 4px 4px  
4px #7B7144 }
```

# Background

The CSS property to change the background color of an element to Hex 7B7144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7144 }
```

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

```
.background{ background-color:#7B7144 }
```

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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