

# Converting Colors

Hex(7B4854)

Have a look what the booklet for  
Hex(7B4854) contains.

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**Color**

**Hex(7B4854)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B4854
RGB	123, 72, 84
RGB Percent	48%, 28%, 33%
CMY	0.5176, 0.7176, 0.6706
CMYK	0.00, 0.41, 0.32, 0.52
HSL	346°, 26%, 38%
HSV	346°, 41%, 48%
XYZ	12.0860, 9.4858, 9.5814
YIQ	88.6170, 26.5440, 14.5440

# Conversions

## Conversions Part 2

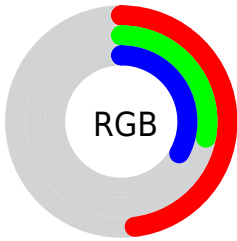
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 72, 84
Decimal	8079444
CIE Lab	36.90, 23.40, 2.25
CIE LCh	37, 23.508, 5.502
Yxy	9.4858, 0.3880, 0.3045
Android (android.graphics.Color)	4286269524 (0xFF7B4854)
YUV	88.6170, -2.2762, 30.1539
Hunter-Lab	30.7990, 16.1478, 3.1144

# Details

The Hex color **7B4854** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **487B6F**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **B17985**, and **481A27** is the 20% darker color. If you saturate the color by 10%, you get **7B3C4B**, and if you desaturate by 10%, it is **7B545D**.

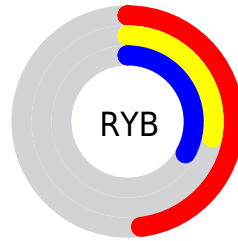
# Distribution



Red (48%)

Green (28%)

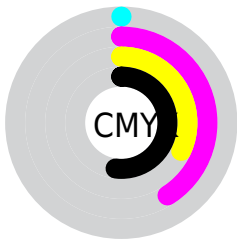
Blue (33%)



Red (48%)

Yellow (28%)

Blue (33%)

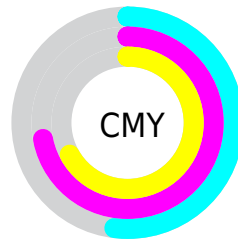


Cyan (0%)

Magenta (41%)

Yellow (32%)

Black (52%)



Cyan (52%)

Magenta (72%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B4854 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 7B4854 by changing the saturation by 10% instead.



 7B4854

 7B4854

FFFFFF

 61313D

 B17985

 481A27

 CD93A0

 300413

 EAAEBB

 160000

 FFCAD6

 000000

 FFE6F3

 7B4854

 7B4854

 7B3C4B

 7B545D

 7B2F41

 7B6167

 7B2338

 7B6D70

 7B172E

 7B797A

 7B0A25

 7B8583

 7B001D

 7B928C

 7B9E96

 7BAA9F

 7BB7A9

# Harmonies

## Analogous

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



724B67



7B4854



7A4A42

# Triad

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



7B4854



4C5C37



1F5D79

# Complementary

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



7B4854



487B6F

# 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.



02606C



7B4854



346047

# Square

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



7B4854



605731



19615A



41587C

# Rectangle

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



7B4854



744E38



19615A



135E75



# Sweetspot

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



7B4854



A18D92



6E487B



524649



D1D1D1



525252



# Same Dimension

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



7B4854



A15063



7B5548



3D3739



7D001D



FC003B



# Inverse Universe

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



7B4854



A15063



486E7B



3D3739



7D001D

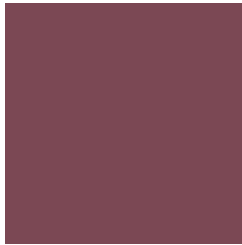


FC003B



# Previews

## White Background



This preview shows how the Hex color 7B4854 looks on a white background.

## Color Contrast Check

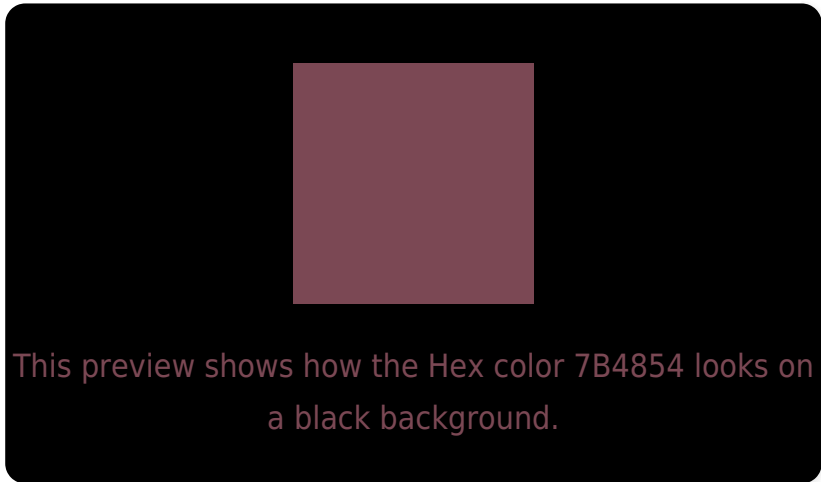
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 7B4854 Background



This preview shows how black text looks on a background with the Hex color 7B4854.



This preview shows how white text looks on a background with the Hex color 7B4854.

# 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**  
7B4854

**Protanopia**  
57575C

**Deuteranopia**  
625452



**Tritanopia**  
7A494E

# Trichromacy



**Original Color**

7B4854

**Protanomaly**

645259

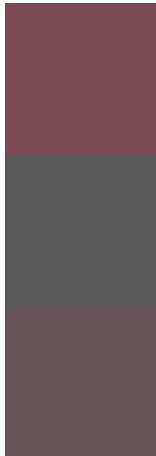
**Deuteranomaly**

6B5053

**Tritanomaly**

7A4950

# Monochromacy



**Original Color**

7B4854

**Achromatopsia**

595959

**Achromatomaly**

655357

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B4854 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 #7B4854 looks like.

```
.text, #text, p{  
  color:#7B4854  
}
```

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 #7B4854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B4854
}
```

## Border

The CSS property to change the border of an element to Hex 7B4854 is called "border". The border property can be set on classes, ids or directly on the HTML element.

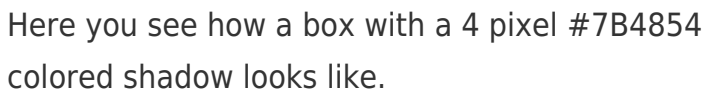
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B4854 }
```

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

```
.border{ border-color:#7B4854 }
```

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



Here you see how a box with a 4 pixel #7B4854 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B4854; -webkit-box-shadow:4px 4px  
4px 4px #7B4854; box-shadow:4px 4px 4px  
4px #7B4854 }
```

# Background

The CSS property to change the background color of an element to Hex 7B4854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B4854 }
```

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

```
.background{ background-color:#7B4854 }
```

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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