

# Converting Colors

Hex(7B4150)

Have a look what the booklet for  
Hex(7B4150) contains.

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**Color**

**Hex(7B4150)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B4150
RGB	123, 65, 80
RGB Percent	48%, 25%, 31%
CMY	0.5176, 0.7451, 0.6863
CMYK	0.00, 0.47, 0.35, 0.52
HSL	344°, 31%, 37%
HSV	344°, 47%, 48%
XYZ	11.5066, 8.5707, 8.6373
YIQ	84.0520, 29.7530, 16.9610

# Conversions

## Conversions Part 2

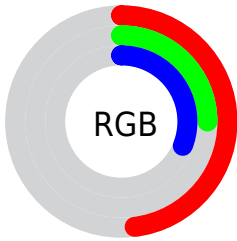
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 65, 80
Decimal	8077648
CIE Lab	35.14, 26.90, 2.25
CIE LCh	35, 26.991, 4.771
Yxy	8.5707, 0.4007, 0.2985
Android (android.graphics.Color)	4286267728 (0xFF7B4150)
YUV	84.0520, -1.9976, 34.1574
Hunter-Lab	29.2758, 18.9254, 3.0007

# Details

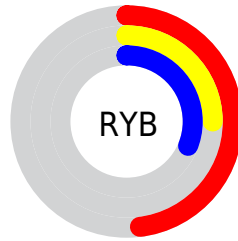
The Hex color **7B4150** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **417B6C**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **B17281**, and **481224** is the 20% darker color. If you saturate the color by 10%, you get **7B3547**, and if you desaturate by 10%, it is **7B4D59**.

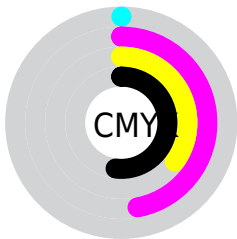
# Distribution



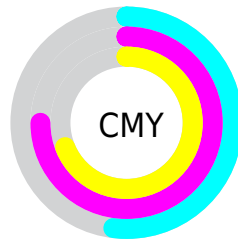
- Red (48%)
- Green (25%)
- Blue (31%)



- Red (48%)
- Yellow (25%)
- Blue (31%)



- Cyan (0%)
- Magenta (47%)
- Yellow (35%)
- Black (52%)



- Cyan (52%)
- Magenta (75%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B4150 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 7B4150 by changing the saturation by 10% instead.



 7B4150

 7B4150

FFFFFF

 612A39

 B17281

 481224

 CD8C9B

 30000E

 EAA7B6

 0F0000

 FFC2D1

 000000

 FFDEEE

 FFFBFF

 7B4150

 7B4150

 7B3547

 7B4D59

7B283E

7B5A62

7B1C35

7B666B

7B102C

7B7274

7B0322

7B7E7E

7B0020

7B8B87

7B9790

7BA399

7BB0A2

# Harmonies

## Analogous

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



704465



7B4150



7A443B

# Triad

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



7B4150



46592E



005A79

# Complementary

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



7B4150



417B6C

# 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.



005D6B



7B4150



2A5C40

# Square

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



7B4150



5D5327



005E56



36547D

# Rectangle

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



7B4150



734830



005E56



005B75



# Sweetspot

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



7B4150



A18A90



6C417B



524447



D1D1D1



525252



# Same Dimension

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



7B4150



A1455D



7B4F41



3D3739



7D0020



FC0041



# Inverse Universe

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



7B4150



A1455D



416D7B



3D3739



7D0020

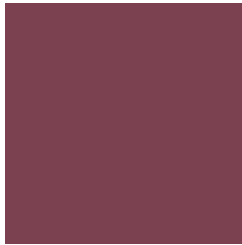


FC0041



# Previews

## White Background



This preview shows how the Hex color 7B4150 looks on a white background.

## Color Contrast Check

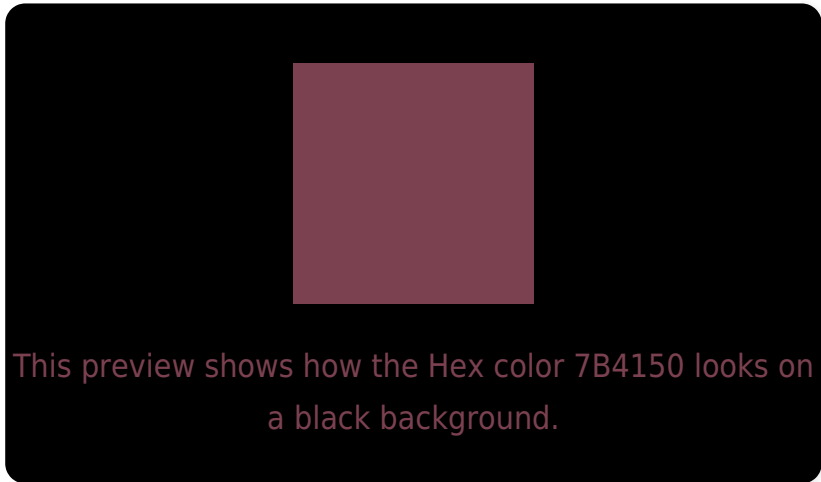
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B4150 Background



This preview shows how black text looks on a background with the Hex color 7B4150.



This preview shows how white text looks on a background with the Hex color 7B4150.

# 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**  
7B4150

**Protanopia**  
53535A

**Deuteranopia**  
5D504D



**Tritanopia**  
7A4347

# Trichromacy



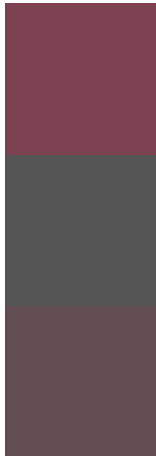
**Original Color**  
7B4150

**Protanomaly**  
624C56

**Deuteranomaly**  
684B4E

**Tritanomaly**  
7A424A

# Monochromacy



**Original Color**  
7B4150

**Achromatopsia**  
545454

**Achromatomaly**  
624D53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B4150 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 #7B4150 looks like.

```
.text, #text, p{  
    color:#7B4150  
}
```

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 #7B4150 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B4150
}
```

## Border

The CSS property to change the border of an element to Hex 7B4150 is called "border". The border property can be set on classes, ids or directly on the HTML element.

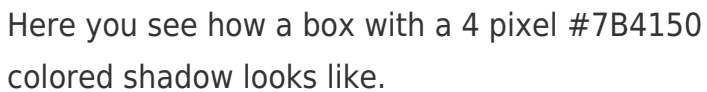
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B4150 }
```

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

```
.border{ border-color:#7B4150 }
```

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



Here you see how a box with a 4 pixel #7B4150 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B4150; -webkit-box-shadow:4px 4px  
4px 4px #7B4150; box-shadow:4px 4px 4px  
4px #7B4150 }
```

# Background

The CSS property to change the background color of an element to Hex 7B4150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B4150 }
```

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

```
.background{ background-color:#7B4150 }
```

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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