

Converting Colors

Hex(7B474E)

Have a look what the booklet for
Hex(7B474E) contains.

Hex(7B474E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7B474E)

Conversions

Conversions Part 1

Format	Color
Hex	7B474E
RGB	123, 71, 78
RGB Percent	48%, 28%, 31%
CMY	0.5176, 0.7216, 0.6941
CMYK	0.00, 0.42, 0.37, 0.52
HSL	352°, 27%, 38%
HSV	352°, 42%, 48%
XYZ	11.7968, 9.2675, 8.3748
YIQ	87.3460, 28.7450, 13.2010

Conversions

Conversions Part 2

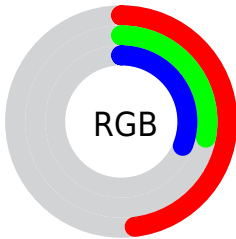
Format	Color
R_{YB}	123, 71, 78
Decimal	8079182
CIE _{Lab}	36.49, 23.14, 5.45
CIE _{LCh}	36, 23.774, 13.258
Yxy	9.2675, 0.4007, 0.3148
Android (android.graphics.Color)	4286269262 (0xFF7B474E)
YUV	87.3460, -4.6076, 31.2686
Hunter-Lab	30.4426, 15.8959, 4.9991

Details

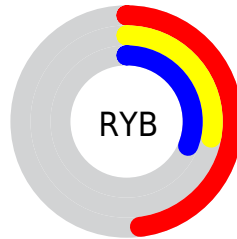
The Hex color **7B474E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **477B74**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **B1787F**, and **481922** is the 20% darker color. If you saturate the color by 10%, you get **7B3B43**, and if you desaturate by 10%, it is **7B5359**.

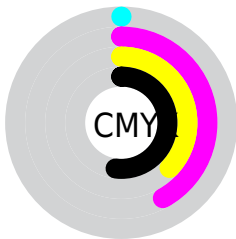
Distribution



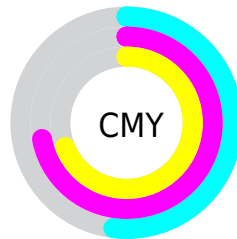
- Red (48%)
- Green (28%)
- Blue (31%)



- Red (48%)
- Yellow (28%)
- Blue (31%)



- Cyan (0%)
- Magenta (42%)
- Yellow (37%)
- Black (52%)



- Cyan (52%)
- Magenta (72%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B474E 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 7B474E by changing the saturation by 10% instead.

 7B474E

 7B474E

FFFFFF

 613037

 B1787F

 481922

 CD9299

 30030C

 EAADB4

 130000

 FFC9CF

 000000

 FFE5EB

 7B474E

 7B474E

 7B3B43

 7B5359

 7B2E39

 7B6063

 7B222E

 7B6C6E

 7B1623

 7B7879

 7B0919

 7B8483

 7B0011

 7B918E

 7B9D99

 7BA9A3

 7BB6AE

Harmonies

Analogous

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



744861



7B474E



774B3D

Triad

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



7B474E



455C39



265B7A

Complementary

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



7B474E



477B74

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.



005F6F



7B474E



2C5F4A

Square

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



7B474E



5A5730



0D605E



48557B

Rectangle

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



7B474E



704F34



0D605E



195C77

Sweetspot

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



7B474E



A18C8F



73477B



524546



D1D1D1



525252

Same Dimension

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



7B474E



A14F5A



7B5947



3D3738



7D0011



FC0022

Inverse Universe

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



7B474E



A14F5A



47697B



3D3738



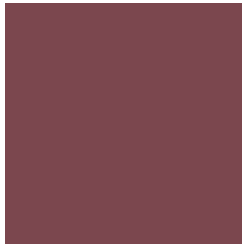
7D0011



FC0022

Previews

White Background



This preview shows how the Hex color 7B474E looks on a white background.

Color Contrast Check

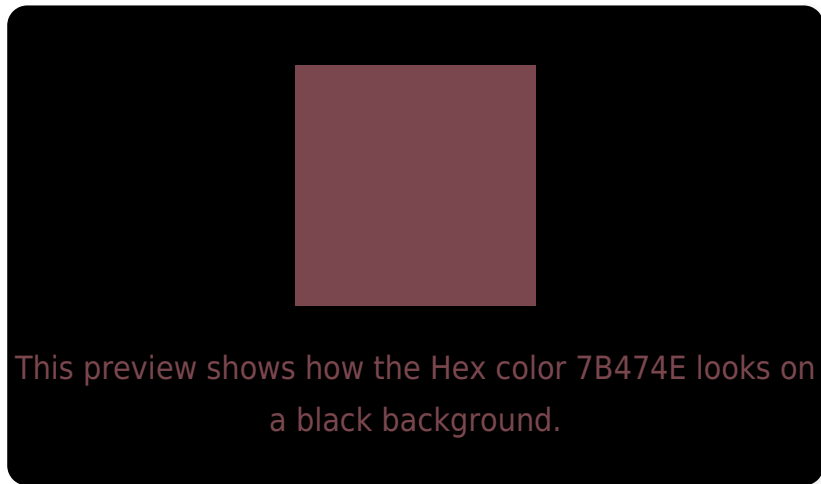
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B474E Background



This preview shows how black text looks on a background with the Hex color 7B474E.



This preview shows how white text looks on a background with the Hex color 7B474E.

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
7B474E

Protanopia
585656

Deuteranopia
62534C



Tritanopia
7B474C

Trichromacy



Original Color
7B474E

Protanomaly
655153

Deuteranomaly
6B4F4D

Tritanomaly
7B474D

Monochromacy



Original Color
7B474E

Achromatopsia
575757

Achromatomaly
645154

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B474E 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 #7B474E looks like.

```
.text, #text, p{  
    color:#7B474E  
}
```

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 #7B474E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B474E
}
```

Border

The CSS property to change the border of an element to Hex 7B474E is called "border". The border property can be set on classes, ids or directly on the HTML element.

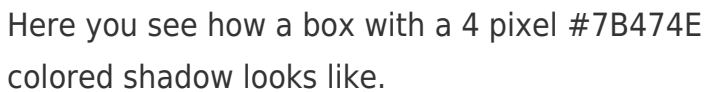
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B474E }
```

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

```
.border{ border-color:#7B474E }
```

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



Here you see how a box with a 4 pixel #7B474E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B474E; -webkit-box-shadow:4px 4px  
4px 4px #7B474E; box-shadow:4px 4px 4px  
4px #7B474E }
```

Background

The CSS property to change the background color of an element to Hex 7B474E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B474E }
```

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

```
.background{ background-color:#7B474E }
```

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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