

Converting Colors

Hex(7B4A6E)

Have a look what the booklet for
Hex(7B4A6E) contains.

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Color

Hex(7B4A6E)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7B4A6E |
| RGB | 123, 74, 110 |
| RGB Percent | 48%, 29%, 43% |
| CMY | 0.5176, 0.7098, 0.5686 |
| CMYK | 0.00, 0.40, 0.11, 0.52 |
| HSL | 316°, 25%, 39% |
| HSV | 316°, 40%, 48% |
| XYZ | 13.4316, 10.2343, 16.0193 |
| YIQ | 92.7550, 17.6480, 21.5840 |

Conversions

Conversions Part 2

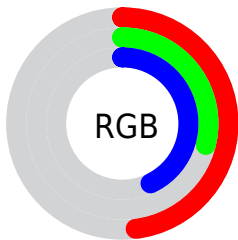
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 123, 74, 110 |
| Decimal | 8079982 |
| CIE Lab | 38.26, 26.56, -12.03 |
| CIE LCh | 38, 29.156, 335.628 |
| Yxy | 10.2343, 0.3385, 0.2579 |
| Android (android.graphics.Color) | 4286270062 (0xFF7B4A6E) |
| YUV | 92.7550, 8.5018, 26.5249 |
| Hunter-Lab | 31.9911, 18.9598, -7.2953 |

Details

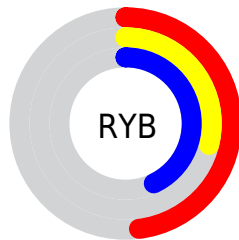
The Hex color **7B4A6E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4A7B57**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **B07CA2**, and **491C3E** is the 20% darker color. If you saturate the color by 10%, you get **7B3E6B**, and if you desaturate by 10%, it is **7B5671**.

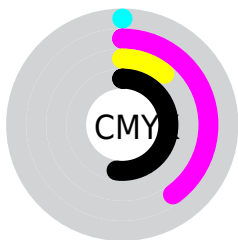
Distribution



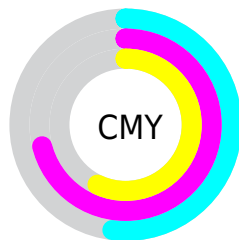
- Red (48%)
- Green (29%)
- Blue (43%)



- Red (48%)
- Yellow (29%)
- Blue (43%)



- Cyan (0%)
- Magenta (40%)
- Yellow (11%)
- Black (52%)



- Cyan (52%)
- Magenta (71%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B4A6E 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 7B4A6E by changing the saturation by 10% instead.

7B4A6E

7B4A6E

FFFFFF

613256

B07CA2

491C3E

CC96BD

310528

E9B1D8

1C0014

FFCDF5

000000

FFE9FF

7B4A6E

7B4A6E

7B3E6B

7B5671

7B3167

7B6375

 7B2564

 7B6F78

 7B1961

 7B7B7B

 7B0D5E

 7B887E

 7B005A

 7B9482

 7BA085

 7BAC88

 7BB98B

Harmonies

Analogous

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



625281



7B4A6E



864756

Triad

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



7B4A6E



645A2A



006575

Complementary

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



7B4A6E



4A7B57

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.



00665E



7B4A6E



4B6132

Square

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



7B4A6E



78522F



2C6546



006285

Rectangle

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



7B4A6E



874847



2C6546



00666E

Sweetspot

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



7B4A6E



A18D9C



564A7B



52464F



D1D1D1



525252

Same Dimension

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



7B4A6E



A1548C



7B4A56



3D373C



7D005C



FC00B9

Inverse Universe

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



7B4A6E



A1548C



4A7B6F



3D373C



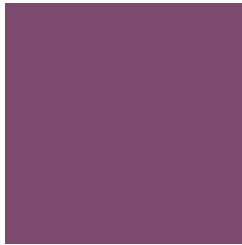
7D005C



FC00B9

Previews

White Background



This preview shows how the Hex color 7B4A6E looks on a white background.

Color Contrast Check

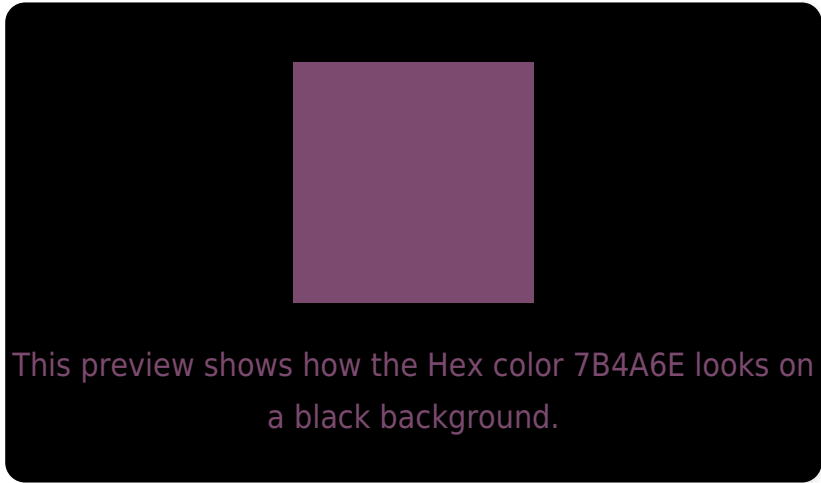
Large Text (above 18pt) WCAG AA ✓ Pass

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

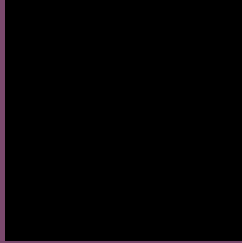
Any Text WCAG AA × Fail

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 7B4A6E Background



This preview shows how black text looks on a background with the Hex color 7B4A6E.



This preview shows how white text looks on a background with the Hex color 7B4A6E.

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
7B4A6E

Protanopia
525979

Deuteranopia
5B586B



Tritanopia
784F55

Trichromacy



Original Color

7B4A6E

Protanomaly

615475

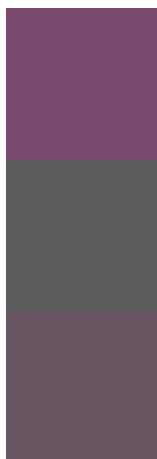
Deuteranomaly

67536C

Tritanomaly

794D5E

Monochromacy



Original Color

7B4A6E

Achromatopsia

5D5D5D

Achromatomaly

685663

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B4A6E 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 #7B4A6E looks like.

```
.text, #text, p{  
    color:#7B4A6E  
}
```

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 #7B4A6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B4A6E
}
```

Border

The CSS property to change the border of an element to Hex 7B4A6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

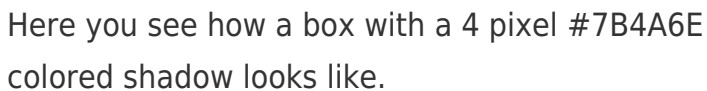
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B4A6E }
```

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

```
.border{ border-color:#7B4A6E }
```

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



Here you see how a box with a 4 pixel `#7B4A6E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B4A6E; -webkit-box-shadow:4px 4px  
4px 4px #7B4A6E; box-shadow:4px 4px 4px  
4px #7B4A6E }
```

Background

The CSS property to change the background color of an element to Hex 7B4A6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B4A6E }
```

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

```
.background{ background-color:#7B4A6E }
```

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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