

# Converting Colors

Hex(7B4D6A)

Have a look what the booklet for  
Hex(7B4D6A) contains.

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# Color

**Hex(7B4D6A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B4D6A
RGB	123, 77, 106
RGB Percent	48%, 30%, 42%
CMY	0.5176, 0.6980, 0.5843
CMYK	0.00, 0.37, 0.14, 0.52
HSL	322°, 23%, 39%
HSV	322°, 37%, 48%
XYZ	13.4238, 10.5593, 14.9663
YIQ	94.0600, 18.1070, 18.7710

# Conversions

## Conversions Part 2

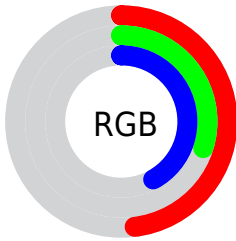
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 77, 106
Decimal	8080746
CIE <sub>Lab</sub>	38.83, 24.06, -8.69
CIE <sub>LCh</sub>	39, 25.576, 340.149
Yxy	10.5593, 0.3446, 0.2711
Android (android.graphics.Color)	4286270826 (0xFF7B4D6A)
YUV	94.0600, 5.8864, 25.3804
Hunter-Lab	32.4951, 16.8722, -4.5607

# Details

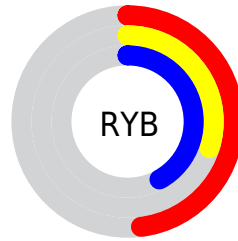
The Hex color **7B4D6A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4D7B5E**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **B07F9D**, and **491F3B** is the 20% darker color. If you saturate the color by 10%, you get **7B4165**, and if you desaturate by 10%, it is **7B596F**.

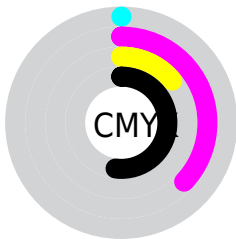
# Distribution



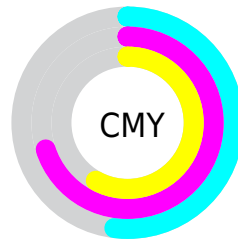
- Red (48%)
- Green (30%)
- Blue (42%)



- Red (48%)
- Yellow (30%)
- Blue (42%)



- Cyan (0%)
- Magenta (37%)
- Yellow (14%)
- Black (52%)



- Cyan (52%)
- Magenta (70%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B4D6A 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 7B4D6A by changing the saturation by 10% instead.



7B4D6A

7B4D6A

FFFFFF

623652

B07F9D

491F3B

CC99B8

310825

E9B4D4

1E0010

FFD0F0

000000

FFECFF

7B4D6A

7B4D6A

7B4165

7B596F

7B3461

7B6673

 7B285C

 7B7278

 7B1C58

 7B7E7C

 7B0F53

 7B8B81

 7B034F

 7B9785

 7B004E

 7BA38A

 7BAF8E

 7BBC93

# Harmonies

## Analogous

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



67537B



7B4D6A



834B55

# Triad

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



7B4D6A



625C32



006576

# Complementary

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



7B4D6A



4D7B5E

# 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.



0C6662



7B4D6A



4B623B

# Square

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



7B4D6A



755535



31654D



216182

# Rectangle

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



7B4D6A



834D48



31654D



006670



# Sweetspot

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



7B4D6A



A18F9A



5E4D7B



52474E



D1D1D1



525252



# Same Dimension

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



7B4D6A



A15886



7B4D53



3D373B



7D004F



FC009F



# Inverse Universe

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



7B4D6A



A15886



4D7B75



3D373B



7D004F

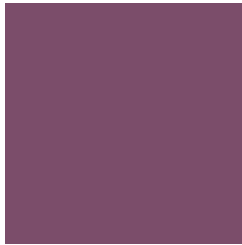


FC009F



# Previews

## White Background



This preview shows how the Hex color 7B4D6A looks on a white background.

## Color Contrast Check

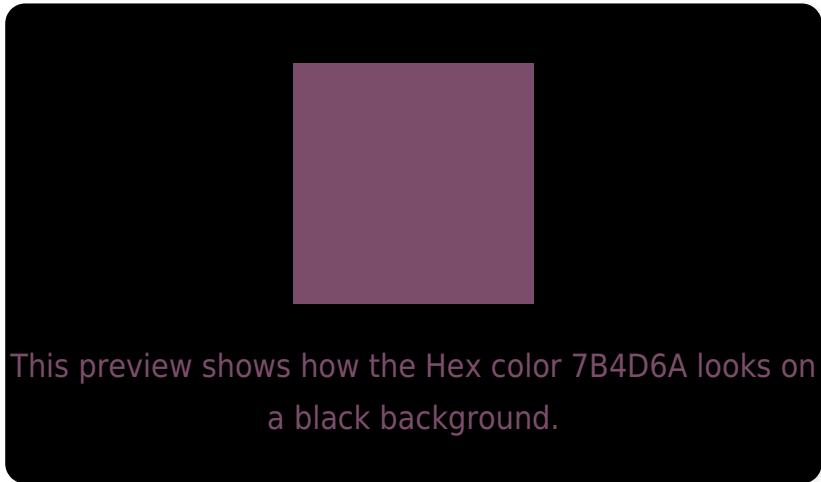
Large Text (above 18pt) WCAG AA ✓ Pass

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

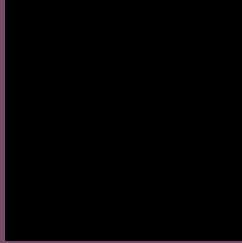
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B4D6A Background



This preview shows how black text looks on a background with the Hex color 7B4D6A.



This preview shows how white text looks on a background with the Hex color 7B4D6A.

# 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**  
7B4D6A

**Protanopia**  
565B73

**Deuteranopia**  
5F5968



**Tritanopia**  
795157

# Trichromacy



**Original Color**  
7B4D6A

**Protanomaly**  
635670

**Deuteranomaly**  
695569

**Tritanomaly**  
7A505E

# Monochromacy



**Original Color**  
7B4D6A

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
695862

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B4D6A 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 #7B4D6A looks like.

```
.text, #text, p{  
    color:#7B4D6A  
}
```

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 #7B4D6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B4D6A
}
```

## Border

The CSS property to change the border of an element to Hex 7B4D6A 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
#7B4D6A }
```

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

```
.border{ border-color:#7B4D6A }
```

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

Here you see how a box with a 4 pixel #7B4D6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B4D6A; -webkit-box-shadow:4px 4px  
4px 4px #7B4D6A; box-shadow:4px 4px 4px  
4px #7B4D6A }
```

# Background

The CSS property to change the background color of an element to Hex 7B4D6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B4D6A }
```

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

```
.background{ background-color:#7B4D6A }
```

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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