

# Converting Colors

Hex(7A4D4A)

Have a look what the booklet for  
Hex(7A4D4A) contains.

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**Color**

**Hex(7A4D4A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A4D4A
RGB	122, 77, 74
RGB Percent	48%, 30%, 29%
CMY	0.5216, 0.6980, 0.7098
CMYK	0.00, 0.37, 0.39, 0.52
HSL	4°, 24%, 38%
HSV	4°, 39%, 48%
XYZ	11.9159, 9.9397, 7.7691
YIQ	90.1130, 27.7830, 8.6070

# Conversions

## Conversions Part 2

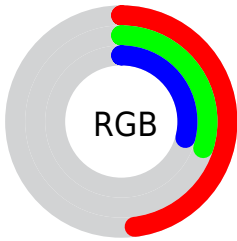
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 77, 74
Decimal	8015178
CIELab	37.73, 18.63, 9.69
CIELCh	38, 21.003, 27.480
Yxy	9.9397, 0.4022, 0.3355
Android (android.graphics.Color)	4286205258 (0xFF7A4D4A)
YUV	90.1130, -7.9437, 27.9649
Hunter-Lab	31.5274, 12.2922, 7.4587

# Details

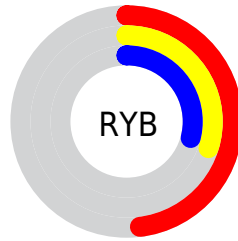
The Hex color **7A4D4A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4A777A**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **B07E7B**, and **47201E** is the 20% darker color. If you saturate the color by 10%, you get **7A423E**, and if you desaturate by 10%, it is **7A5856**.

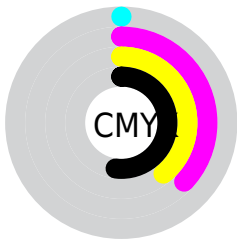
# Distribution



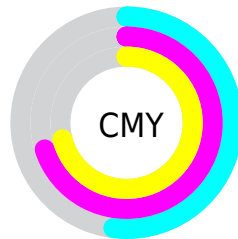
- Red (48%)
- Green (30%)
- Blue (29%)



- Red (48%)
- Yellow (30%)
- Blue (29%)



- Cyan (0%)
- Magenta (37%)
- Yellow (39%)
- Black (52%)



- Cyan (52%)
- Magenta (70%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A4D4A 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 7A4D4A by changing the saturation by 10% instead.



 7A4D4A

 7A4D4A

FFFFFF

 603633

 B07E7B

 47201E

 CC9994

 300A06

 E9B3AF

 140000

 FFCFCA

 000000

 FFEBE7

 7A4D4A

 7A4D4A

 7A423E

 7A5856

 7A3632

 7A6462

 7A2B25

 7A6F6F

 7A1F19

 7A7B7B

 7A140D

 7A8687

 7A0801

 7A9293

 7A0800

 7A9D9F

 7AA9AC

 7AB4B8

# Harmonies

## Analogous

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



784C5B



7A4D4A



73513D

# Triad

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



7A4D4A



406046



3F5B7A

# Complementary

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



7A4D4A



4A777A

# 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.



265F75



7A4D4A



2C6257

# Square

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



7A4D4A



545C3A



1D6268



595577

# Rectangle

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



7A4D4A



6B5538



1D6268



365D7A



# Sweetspot

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



7A4D4A



9E8C8B



7A4A78



4F4544



CFCFCF



4F4F4F



# Same Dimension

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



7A4D4A



9E5854



7A644A



3D3737



7D0800



FC1000



# Inverse Universe

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



4A777A



54999E



4A607A



373D3D



00757D



00EDFC



# Previews

## White Background



This preview shows how the Hex color 7A4D4A looks on a white background.

## Color Contrast Check

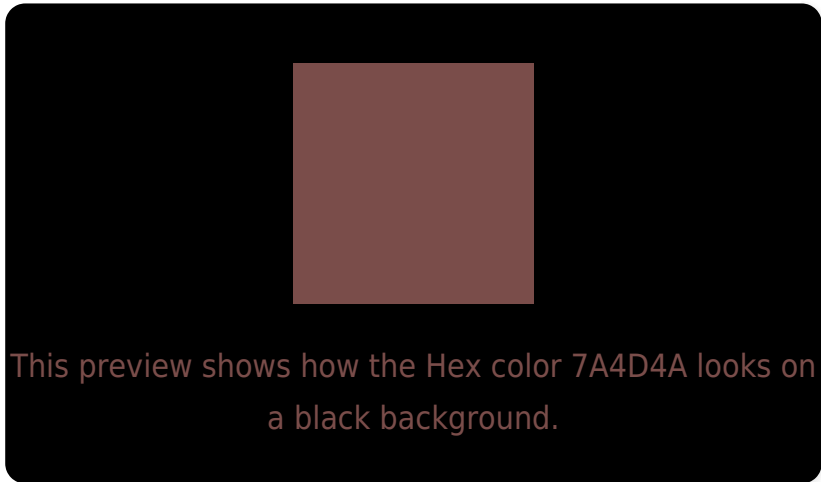
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A4D4A Background



This preview shows how black text looks on a background with the Hex color 7A4D4A.

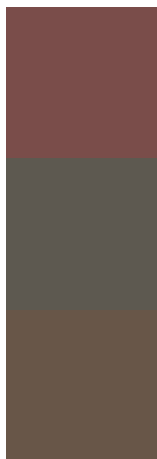


This preview shows how white text looks on a background with the Hex color 7A4D4A.

# 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**

7A4D4A

**Protanopia**

5D5950

**Deuteranopia**

685648



**Tritanopia**  
7B4C52

# Trichromacy



**Original Color**

7A4D4A

**Protanomaly**

68554E

**Deuteranomaly**

6F5349

**Tritanomaly**

7B4C4F

# Monochromacy



**Original Color**

7A4D4A

**Achromatopsia**

5A5A5A

**Achromatomaly**

665554

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A4D4A 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 #7A4D4A looks like.

```
.text, #text, p{  
    color:#7A4D4A  
}
```

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 #7A4D4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A4D4A
}
```

## Border

The CSS property to change the border of an element to Hex 7A4D4A 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".

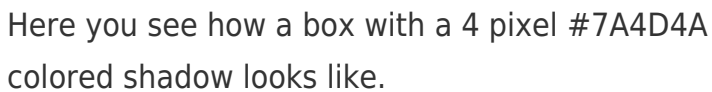
```
.border, #border, table{ border:4px solid
#7A4D4A }
```

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

```
.border{ border-color:#7A4D4A }
```

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

Here you see how a box with a 4 pixel #7A4D4A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A4D4A; -webkit-box-shadow:4px 4px  
4px 4px #7A4D4A; box-shadow:4px 4px 4px  
4px #7A4D4A }
```

# Background

The CSS property to change the background color of an element to Hex 7A4D4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A4D4A }
```

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

```
.background{ background-color:#7A4D4A }
```

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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