

# Converting Colors

Hex(7A4E45)

Have a look what the booklet for  
Hex(7A4E45) contains.

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**Color**

**Hex(7A4E45)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A4E45
RGB	122, 78, 69
RGB Percent	48%, 31%, 27%
CMY	0.5216, 0.6941, 0.7294
CMYK	0.00, 0.36, 0.43, 0.52
HSL	10°, 28%, 37%
HSV	10°, 43%, 48%
XYZ	11.8246, 10.0160, 6.9403
YIQ	90.1300, 29.1130, 6.5290

# Conversions

## Conversions Part 2

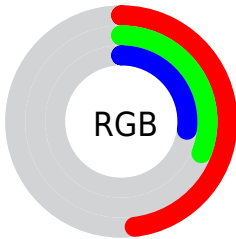
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 80, 69
Decimal	8015429
CIE <sub>Lab</sub>	37.87, 17.40, 12.99
CIE <sub>LCh</sub>	38, 21.715, 36.740
Yxy	10.0160, 0.4108, 0.3480
Android (android.graphics.Color)	4286205509 (0xFF7A4E45)
YUV	90.1300, -10.4171, 27.9500
Hunter-Lab	31.6481, 11.3084, 9.1516

# Details

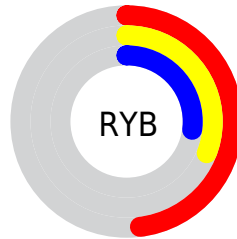
The Hex color **7A4E45** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **45717A**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **B07F75**, and **47211A** is the 20% darker color. If you saturate the color by 10%, you get **7A4439**, and if you desaturate by 10%, it is **7A5851**.

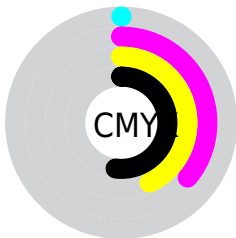
# Distribution



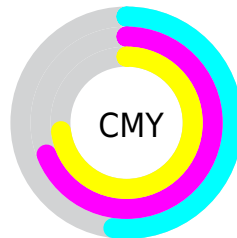
- Red (48%)
- Green (31%)
- Blue (27%)



- Red (48%)
- Yellow (31%)
- Blue (27%)



- Cyan (0%)
- Magenta (36%)
- Yellow (43%)
- Black (52%)



- Cyan (52%)
- Magenta (69%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A4E45 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 7A4E45 by changing the saturation by 10% instead.





7A4E45



7A4E45

FFFFFF



60372F



B07F75



47211A



CC9A8F



300C00



E9B4A9



130000



FFD0C5



000000



FFECE1

FFFFFFD



7A4E45



7A4E45



7A4439



7A5851

 7A3A2D

 7A625D

 7A3020

 7A6C6A

 7A2514

 7A7776

 7A1B08

 7A8182

 7A1500

 7A8B8E

 7A959A

 7A9FA7

 7AA9B3

# Harmonies

## Analogous

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



7B4C56



7A4E45



715339

# Triad

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



7A4E45



39614B



47597C

# Complementary

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



7A4E45



45717A

# 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.



2B5F79



7A4E45



24635D

# Square

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



7A4E45



4E5E3C



19626E



605375

# Rectangle

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



7A4E45



675736



19626E



3E5B7C



# Sweetspot

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



7A4E45



9E8D8A



7A4571



4F4542



CFCFCF



4F4F4F



# Same Dimension

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



7A4E45



9E5A4C



7A6845



3D3837



7D1500



FC2B00



# Inverse Universe

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



45717A



4C909E



45577A



373C3D



00687D



00D2FC



# Previews

## White Background



This preview shows how the Hex color 7A4E45 looks on a white background.

## Color Contrast Check

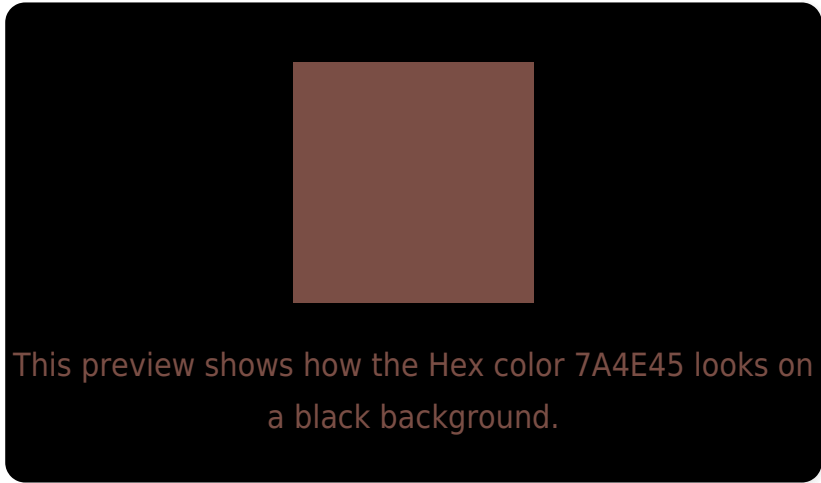
Large Text (above 18pt) WCAG AA ✓ Pass

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

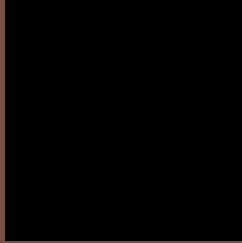
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A4E45 Background



This preview shows how black text looks on a background with the Hex color 7A4E45.

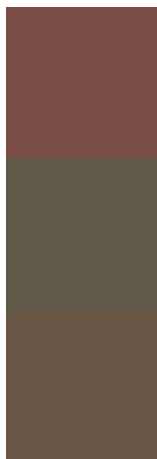


This preview shows how white text looks on a background with the Hex color 7A4E45.

# 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**  
7A4E45

**Protanopia**  
5F594A

**Deuteranopia**  
695644



**Tritanopia**  
7B4C52

# Trichromacy



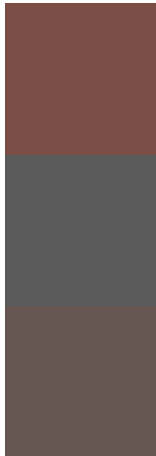
**Original Color**  
7A4E45

**Protanomaly**  
695548

**Deuteranomaly**  
6F5344

**Tritanomaly**  
7B4D4D

# Monochromacy



**Original Color**  
7A4E45

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
665652

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A4E45 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 #7A4E45 looks like.

```
.text, #text, p{  
    color:#7A4E45  
}
```

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 #7A4E45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A4E45
}
```

## Border

The CSS property to change the border of an element to Hex 7A4E45 is called "border". The border property can be set on classes, ids or directly on the HTML element.

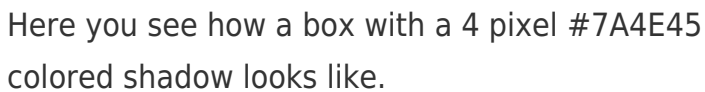
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A4E45 }
```

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

```
.border{ border-color:#7A4E45 }
```

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



Here you see how a box with a 4 pixel #7A4E45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A4E45; -webkit-box-shadow:4px 4px  
4px 4px #7A4E45; box-shadow:4px 4px 4px  
4px #7A4E45 }
```

# Background

The CSS property to change the background color of an element to Hex 7A4E45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A4E45 }
```

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

```
.background{ background-color:#7A4E45 }
```

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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