

# Converting Colors

Hex(7A5A49)

Have a look what the booklet for  
Hex(7A5A49) contains.

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**Color**

**Hex(7A5A49)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A5A49
RGB	122, 90, 73
RGB Percent	48%, 35%, 29%
CMY	0.5216, 0.6471, 0.7137
CMYK	0.00, 0.26, 0.40, 0.52
HSL	21°, 25%, 38%
HSV	21°, 40%, 48%
XYZ	12.8848, 11.9309, 7.9271
YIQ	97.6300, 24.5290, 1.4970

# Conversions

## Conversions Part 2

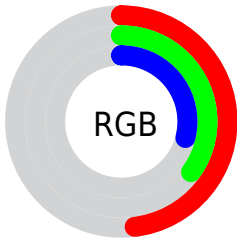
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 99, 73
Decimal	8018505
CIE <sub>Lab</sub>	41.11, 10.70, 14.95
CIE <sub>LCh</sub>	41, 18.385, 54.390
Yxy	11.9309, 0.3935, 0.3644
Android (android.graphics.Color)	4286208585 (0xFF7A5A49)
YUV	97.6300, -12.1426, 21.3725
Hunter-Lab	34.5412, 6.1382, 10.5719

# Details

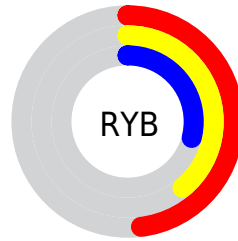
The Hex color **7A5A49** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **49697A**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **B08C7A**, and **482C1D** is the 20% darker color. If you saturate the color by 10%, you get **7A523D**, and if you desaturate by 10%, it is **7A6255**.

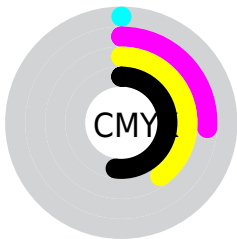
# Distribution



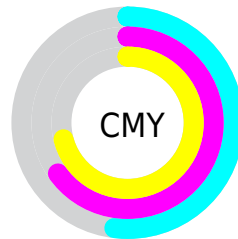
- Red (48%)
- Green (35%)
- Blue (29%)



- Red (48%)
- Yellow (39%)
- Blue (29%)



- Cyan (0%)
- Magenta (26%)
- Yellow (40%)
- Black (52%)



- Cyan (52%)
- Magenta (65%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A5A49 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 7A5A49 by changing the saturation by 10% instead.





7A5A49



7A5A49

FFFFFF



604332



B08C7A



482C1D



CBA793



301705



E8C2AE



1A0000



FFDECA



000000



FFFAE6



7A5A49



7A5A49



7A523D



7A6255



7A4A31



7A6A61

 7A4224

 7A726E

 7A3A18

 7A7A7A

 7A320C

 7A8286

 7A2A00

 7A8A92

 7A929E

 7A9AAB

 7AA2B7

# Harmonies

## Analogous

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



7F5755



7A5A49



6E5F43

# Triad

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



7A5A49



3D695D



5F5E7C

# Complementary

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



7A5A49



49697A

# 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.



4A637F



7A5A49



33696D

# Square

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



7A5A49



4E674F



386779



725973

# Rectangle

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



7A5A49



646244



386779



58607E



# Sweetspot

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



7A5A49



9E928B



7A496A



4F4844



CFCFCF



4F4F4F



# Same Dimension

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



7A5A49



9E6D52



7A7249



3D3937



7D2B00



FC5800



# Inverse Universe

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



49697A



52849E



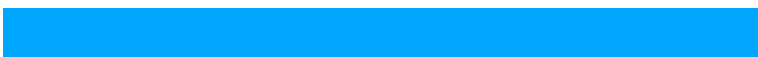
49517A



373B3D



00527D

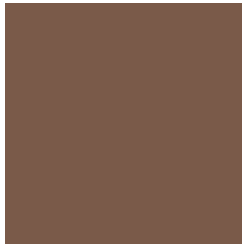


00A5FC



# Previews

## White Background



This preview shows how the Hex color 7A5A49 looks on a white background.

## Color Contrast Check

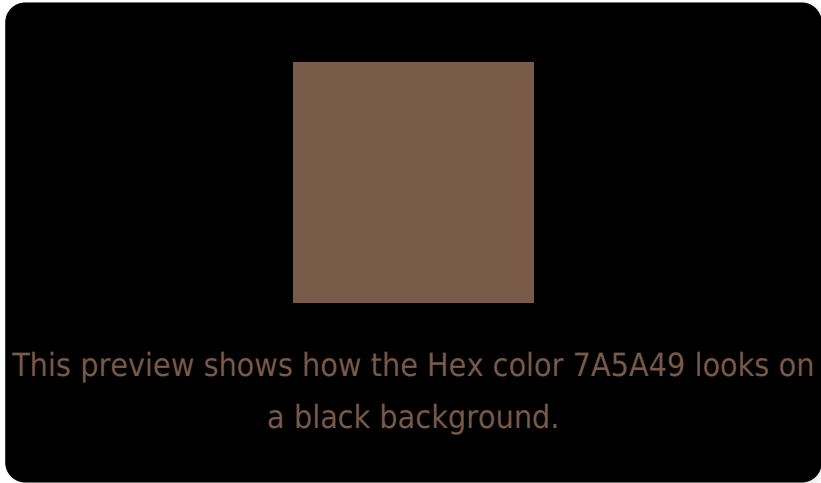
Large Text (above 18pt) WCAG AA ✓ Pass

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

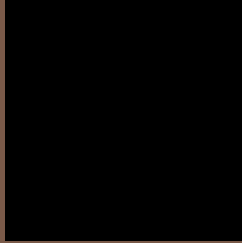
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A5A49 Background



This preview shows how black text looks on a background with the Hex color 7A5A49.



This preview shows how white text looks on a background with the Hex color 7A5A49.

# 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**

7A5A49

**Protanopia**

68614C

**Deuteranopia**

735D48



**Tritanopia**  
7C575E

# Trichromacy



**Original Color**  
7A5A49

**Protanomaly**  
6F5E4B

**Deuteranomaly**  
765C48

**Tritanomaly**  
7B5856

# Monochromacy



**Original Color**  
7A5A49

**Achromatopsia**  
626262

**Achromatomaly**  
6B5F59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A5A49 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 #7A5A49 looks like.

```
.text, #text, p{  
    color:#7A5A49  
}
```

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 #7A5A49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A5A49
}
```

## Border

The CSS property to change the border of an element to Hex 7A5A49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

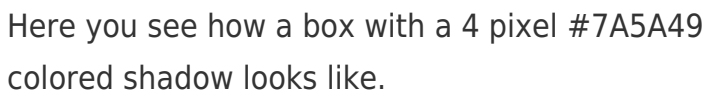
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A5A49 }
```

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

```
.border{ border-color:#7A5A49 }
```

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



Here you see how a box with a 4 pixel #7A5A49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A5A49; -webkit-box-shadow:4px 4px  
4px 4px #7A5A49; box-shadow:4px 4px 4px  
4px #7A5A49 }
```

# Background

The CSS property to change the background color of an element to Hex 7A5A49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A5A49 }
```

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

```
.background{ background-color:#7A5A49 }
```

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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