

# Converting Colors

Hex(7E564A)

Have a look what the booklet for  
Hex(7E564A) contains.

<b>Hex(7E564A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(7E564A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E564A
RGB	126, 86, 74
RGB Percent	49%, 34%, 29%
CMY	0.5059, 0.6627, 0.7098
CMYK	0.00, 0.32, 0.41, 0.51
HSL	14°, 26%, 39%
HSV	14°, 41%, 49%
XYZ	13.1680, 11.5856, 8.0208
YIQ	96.5920, 27.6920, 4.7480

# Conversions

## Conversions Part 2

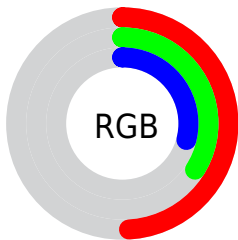
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 90, 74
Decimal	8279626
CIE <sub>Lab</sub>	40.55, 14.97, 13.66
CIE <sub>LCh</sub>	41, 20.267, 42.378
Yxy	11.5856, 0.4018, 0.3535
Android (android.graphics.Color)	4286469706 (0xFF7E564A)
YUV	96.5920, -11.1379, 25.7908
Hunter-Lab	34.0376, 9.4897, 9.8550

# Details

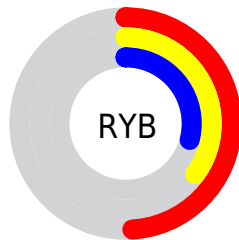
The Hex color **7E564A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4A727E**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **B4887B**, and **4B281E** is the 20% darker color. If you saturate the color by 10%, you get **7E4C3D**, and if you desaturate by 10%, it is **7E6057**.

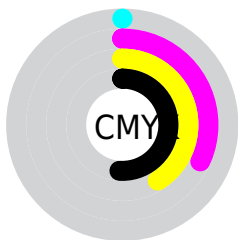
# Distribution



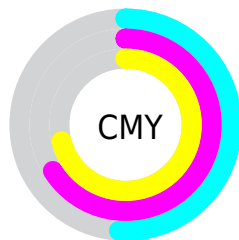
- Red (49%)
- Green (34%)
- Blue (29%)



- Red (49%)
- Yellow (35%)
- Blue (29%)



- Cyan (0%)
- Magenta (32%)
- Yellow (41%)
- Black (51%)



- Cyan (51%)
- Magenta (66%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E564A 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 7E564A by changing the saturation by 10% instead.



 7E564A

 7E564A

FFFFFF

 643F33

 B4887B

 4B281E

 D0A295

 331306

 EDBDAF

 1E0000

 FFD9CB

 000000

 FFF6E7

 7E564A

 7E564A

 7E4C3D

 7E6057

 7E4331

 7E6963

 7E3924

 7E7370

 7E2F18

 7E7D7C

 7E260B

 7E8689

 7E1D00

 7E9096

 7E9AA2

 7EA4AF

 7EADBB

# Harmonies

## Analogous

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



815359



7E564A



745B40

# Triad

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



7E564A



3E6855



545F80

# Complementary

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



7E564A



4A727E

# 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.



3B647F



7E564A



2E6966

# Square

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



7E564A



526547



2B6775



6B5978

# Rectangle

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



7E564A



6A5F3E



2B6775



4C6180



# Sweetspot

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



7E564A



A39490



7E4A73



524946



D1D1D1



525252



# Same Dimension

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



7E564A



A36452



7E6F4A



403B39



801D00



000000



# Inverse Universe

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



4A727E



5290A3



4A597E



393E40



006280



000000



# Previews

## White Background



This preview shows how the Hex color 7E564A looks on a white background.

## Color Contrast Check

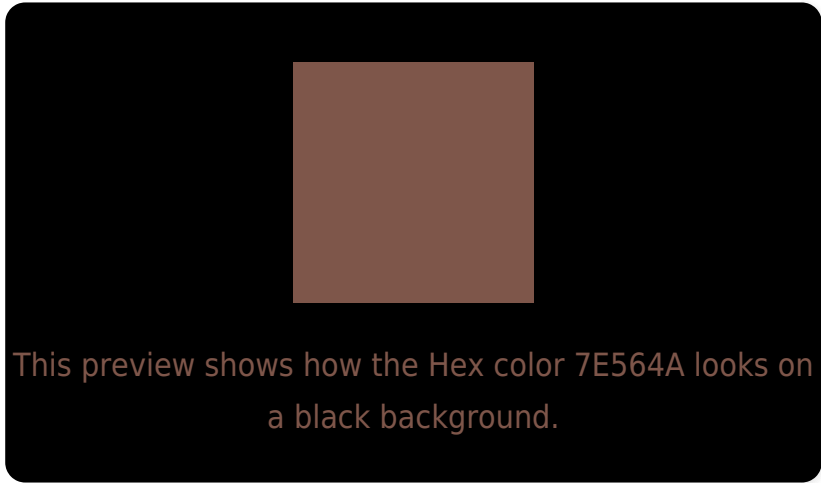
Large Text (above 18pt) WCAG AA ✓ Pass

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

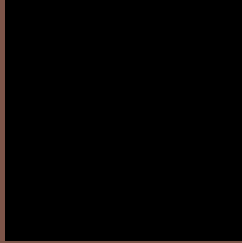
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7E564A Background



This preview shows how black text looks on a background with the Hex color 7E564A.



This preview shows how white text looks on a background with the Hex color 7E564A.

# 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**  
7E564A

**Protanopia**  
66604F

**Deuteranopia**  
715C49



**Tritanopia**  
7F545A

# Trichromacy



**Original Color**  
7E564A

**Protanomaly**  
6F5C4D

**Deuteranomaly**  
765A49

**Tritanomaly**  
7F5554

# Monochromacy



**Original Color**  
7E564A

**Achromatopsia**  
616161

**Achromatomaly**  
6C5D59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E564A 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 #7E564A looks like.

```
.text, #text, p{  
    color:#7E564A  
}
```

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 #7E564A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E564A
}
```

## Border

The CSS property to change the border of an element to Hex 7E564A is called "border". The border property can be set on classes, ids or directly on the HTML element.

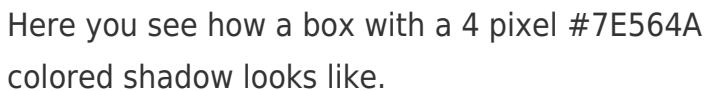
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E564A }
```

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

```
.border{ border-color:#7E564A }
```

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



Here you see how a box with a 4 pixel #7E564A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E564A; -webkit-box-shadow:4px 4px  
4px 4px #7E564A; box-shadow:4px 4px 4px  
4px #7E564A }
```

# Background

The CSS property to change the background color of an element to Hex 7E564A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E564A }
```

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

```
.background{ background-color:#7E564A }
```

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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