

# Converting Colors

Hex(76554E)

Have a look what the booklet for  
Hex(76554E) contains.

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**Color**

**Hex(76554E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76554E
RGB	118, 85, 78
RGB Percent	46%, 33%, 31%
CMY	0.5373, 0.6667, 0.6941
CMYK	0.00, 0.28, 0.34, 0.54
HSL	10°, 20%, 38%
HSV	10°, 34%, 46%
XYZ	12.0949, 10.8986, 8.6739
YIQ	94.0690, 21.9150, 4.8190

# Conversions

## Conversions Part 2

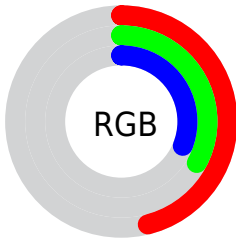
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 86, 78
Decimal	7755086
CIE <sub>Lab</sub>	39.41, 12.66, 9.48
CIE <sub>LCh</sub>	39, 15.814, 36.819
Yxy	10.8986, 0.3819, 0.3442
Android (android.graphics.Color)	4285945166 (0xFF76554E)
YUV	94.0690, -7.9220, 20.9875
Hunter-Lab	33.0130, 7.6235, 7.5312

# Details

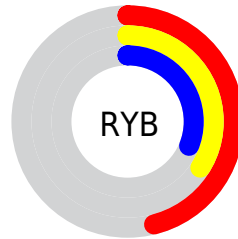
The Hex color **76554E** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4E6F76**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **AB877F**, and **442822** is the 20% darker color. If you saturate the color by 10%, you get **764B42**, and if you desaturate by 10%, it is **765F5A**.

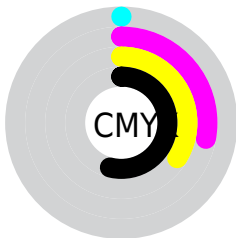
# Distribution



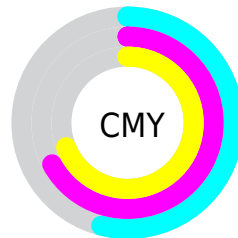
- Red (46%)
- Green (33%)
- Blue (31%)



- Red (46%)
- Yellow (34%)
- Blue (31%)



- Cyan (0%)
- Magenta (28%)
- Yellow (34%)
- Black (54%)



- Cyan (54%)
- Magenta (67%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76554E 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 76554E by changing the saturation by 10% instead.



 76554E

 76554E

FFFFFF

 5D3E37

 AB877F

 442822

 C7A199

 2D130C

 E3BCB4

 160000

 FFD8CF

 000000

 FFF4EB

 76554E

 76554E

 764B42

 765F5A

 764236

 766866

 76382B

 767271

 762E1F

 767C7D

 762413

 768689

 761B07

 768F95

 761500

 7699A1

 76A3AC

 76ADB8

# Harmonies

## Analogous

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



77545A



76554E



6F5946

# Triad

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



76554E



476352



515D76

# Complementary

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



76554E



4E6F76

# 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.



416174



76554E



3B645F

# Square

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



76554E



556148



38636C



635971

# Rectangle

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



76554E



685C43



38636C



4B5E76



# Sweetspot

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



76554E



998C8A



764E6F



4D4543



CCCCCC



4D4D4D



# Same Dimension

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



76554E



99655A



76694E



3B3635



7A1500



FA2C00



# Inverse Universe

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



4E6F76



5A8E99



4E5B76



353A3B



00657A



00CEFA



# Previews

## White Background



This preview shows how the Hex color 76554E looks on a white background.

## Color Contrast Check

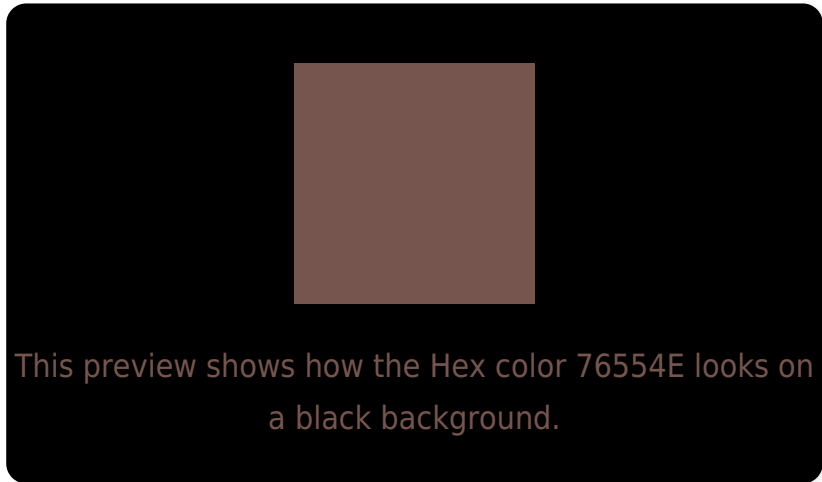
Large Text (above 18pt) WCAG AA ✓ Pass

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

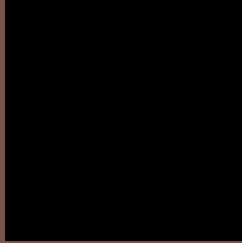
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 76554E Background



This preview shows how black text looks on a background with the Hex color 76554E.

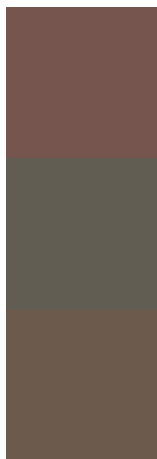


This preview shows how white text looks on a background with the Hex color 76554E.

# 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**  
76554E

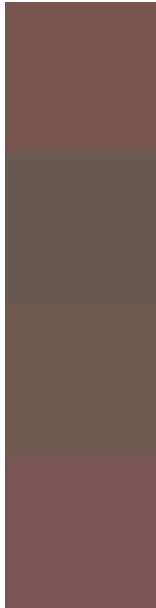
**Protanopia**  
615D52

**Deuteranopia**  
6C5A4D



**Tritanopia**  
77535A

# Trichromacy



**Original Color**  
76554E

**Protanomaly**  
695A51

**Deuteranomaly**  
70584D

**Tritanomaly**  
775456

# Monochromacy



**Original Color**  
76554E

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
675B58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76554E 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 #76554E looks like.

```
.text, #text, p{  
    color:#76554E  
}
```

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 #76554E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76554E
}
```

## Border

The CSS property to change the border of an element to Hex 76554E 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".

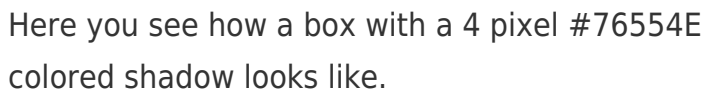
```
.border, #border, table{ border:4px solid
#76554E }
```

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

```
.border{ border-color:#76554E }
```

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

Here you see how a box with a 4 pixel #76554E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76554E; -webkit-box-shadow:4px 4px  
4px 4px #76554E; box-shadow:4px 4px 4px  
4px #76554E }
```

# Background

The CSS property to change the background color of an element to Hex 76554E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76554E }
```

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

```
.background{ background-color:#76554E }
```

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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