

# Converting Colors

Hex(76554A)

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

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# Color

**Hex(76554A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76554A
RGB	118, 85, 74
RGB Percent	46%, 33%, 29%
CMY	0.5373, 0.6667, 0.7098
CMYK	0.00, 0.28, 0.37, 0.54
HSL	15°, 23%, 38%
HSV	15°, 37%, 46%
XYZ	11.9557, 10.8430, 7.9413
YIQ	93.6130, 23.1990, 3.5750

# Conversions

## Conversions Part 2

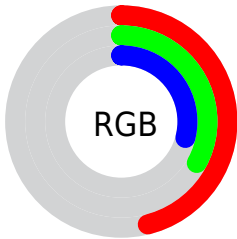
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	118, 89, 74
Decimal	7755082
CIE Lab	39.31, 12.10, 11.81
CIE LCh	39, 16.906, 44.305
Yxy	10.8430, 0.3889, 0.3527
Android (android.graphics.Color)	4285945162 (0xFF76554A)
YUV	93.6130, -9.6692, 21.3874
Hunter-Lab	32.9287, 7.1847, 8.7512

# Details

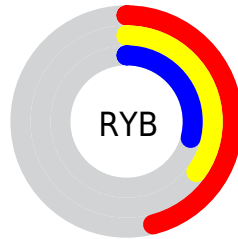
The Hex color **76554A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4A6B76**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **AB877B**, and **44281E** is the 20% darker color. If you saturate the color by 10%, you get **764C3E**, and if you desaturate by 10%, it is **765E56**.

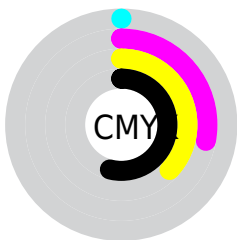
# Distribution



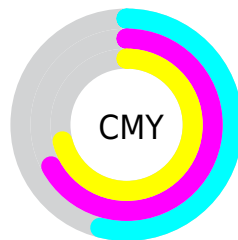
- Red (46%)
- Green (33%)
- Blue (29%)



- Red (46%)
- Yellow (35%)
- Blue (29%)



- Cyan (0%)
- Magenta (28%)
- Yellow (37%)
- Black (54%)



- Cyan (54%)
- Magenta (67%)
- Yellow (71%)

# Brightness & Saturation Gradients

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



 76554A

 76554A

FFFFFF

 5D3E33

 AB877B

 44281E

 C7A194

 2D1306

 E3BCAF

 140000

 FFD8CB

 000000

 FFF4E7

 76554A

 76554A

 764C3E

 765E56

 764332

 766762

 763A27

 76706D

 76321B

 767879

 76290F


 768185

 762003

 768A91

 761D00

 76939D

 769CA8

 76A5B4

# Harmonies

## Analogous

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



795356



76554A



6D5942

# Triad

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



76554A



416455



555C77

# Complementary

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



76554A



4A6B76

# 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.



426077



76554A



356463

# Square

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



76554A



506249



35636F



675770

# Rectangle

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



76554A



655C41



35636F



4E5D78



# Sweetspot

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



76554A



998C88



764A6B



4D4543



CCCCCC



4D4D4D



# Same Dimension

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



76554A



996554



766A4A



3B3635



7A1F00



FA3E00



# Inverse Universe

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



4A6B76



548899



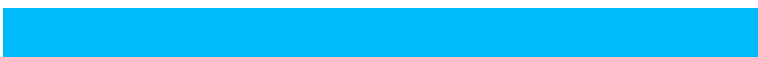
4A5576



35393B



005C7A



00BBFA



# Previews

## White Background



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

## Color Contrast Check

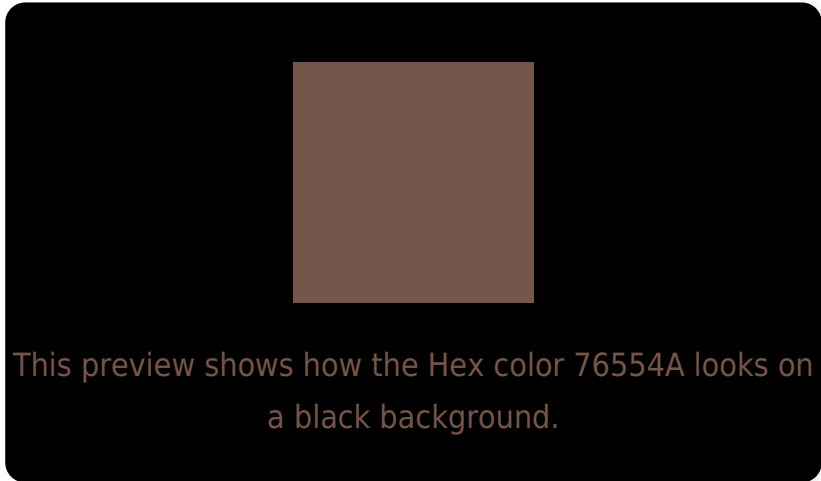
Large Text (above 18pt) WCAG AA ✓ Pass

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

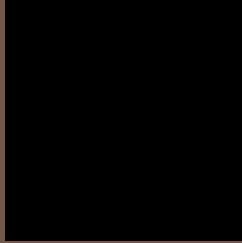
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 76554A Background



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

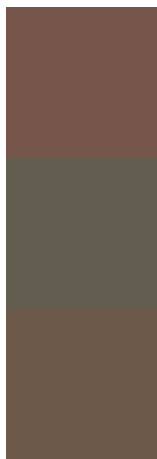


This preview shows how white text looks on a background with the Hex color 76554A.

# 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**  
76554A

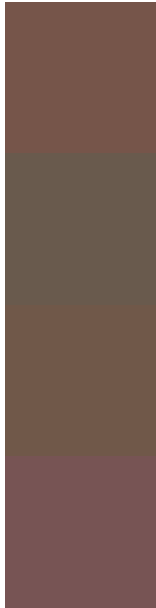
**Protanopia**  
625D4E

**Deuteranopia**  
6C5949



**Tritanopia**  
775359

# Trichromacy



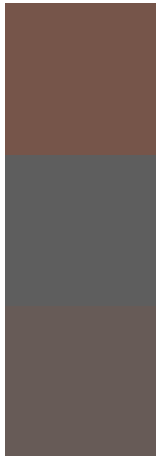
**Original Color**  
76554A

**Protanomaly**  
695A4D

**Deuteranomaly**  
705849

**Tritanomaly**  
775454

# Monochromacy



**Original Color**  
76554A

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
675B57

# CSS Examples

## Text

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

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

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 #76554A colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Hex 76554A 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
#76554A }
```

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

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

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

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

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

# Background

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

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

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

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

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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