

# Converting Colors

Hex(7A6554)

Have a look what the booklet for  
Hex(7A6554) contains.

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**Color**

**Hex(7A6554)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A6554
RGB	122, 101, 84
RGB Percent	48%, 40%, 33%
CMY	0.5216, 0.6039, 0.6706
CMYK	0.00, 0.17, 0.31, 0.52
HSL	27°, 18%, 40%
HSV	27°, 31%, 48%
XYZ	14.2800, 14.0850, 10.3536
YIQ	105.3410, 17.9730, -0.8350

# Conversions

## Conversions Part 2

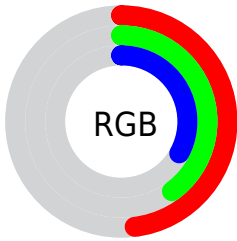
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 115, 84
Decimal	8021332
CIE <sub>Lab</sub>	44.35, 5.66, 12.77
CIE <sub>LCh</sub>	44, 13.970, 66.110
Yxy	14.0850, 0.3688, 0.3638
Android (android.graphics.Color)	4286211412 (0xFF7A6554)
YUV	105.3410, -10.5211, 14.6099
Hunter-Lab	37.5300, 2.2406, 9.9145

# Details

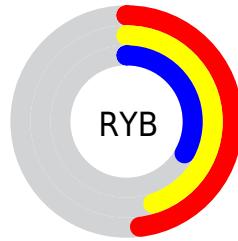
The Hex color **7A6554** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **54697A**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **AF9886**, and **483627** is the 20% darker color. If you saturate the color by 10%, you get **7A5E48**, and if you desaturate by 10%, it is **7A6C60**.

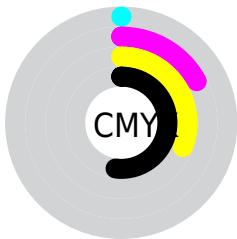
# Distribution



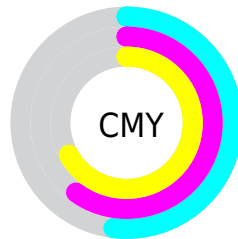
- Red (48%)
- Green (40%)
- Blue (33%)



- Red (48%)
- Yellow (45%)
- Blue (33%)



- Cyan (0%)
- Magenta (17%)
- Yellow (31%)
- Black (52%)



- Cyan (52%)
- Magenta (60%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A6554 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 7A6554 by changing the saturation by 10% instead.



 7A6554

 7A6554

FFFFFF

 614D3D

 AF9886

 483627

 CBB3A0

 312112

 E7CEBB

 1C0B00

 FFEAD7

 000000

 FFFFF3

 7A6554

 7A6554

 7A5E48

 7A6C60

 7A583C

 7A726C

■ 7A512F

■ 7A7979

■ 7A4A23

■ 7A8085

■ 7A4317

■ 7A8791

■ 7A3D0B

■ 7A8D9D

■ 7A3700

■ 7A94A9

■ 7A9BB6

■ 7AA2C2

# Harmonies

## Analogous

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



80625C



7A6554



6F6952

# Triad

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



7A6554



4C706B



6E657C

# Complementary

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



7A6554



54697A

# 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.



5F6980



7A6554



496F76

# Square

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



7A6554



556F5F



516D7E



7A6273

# Rectangle

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



7A6554



676B54



516D7E



69667E



# Sweetspot

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



7A6554



9E9690



7A546A



4F4A46



CFCFCF



4F4F4F



# Same Dimension

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



7A6554



9E7E64



7A7754



3D3A37



7D3800



FC7100



# Inverse Universe

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



54697A



64849E



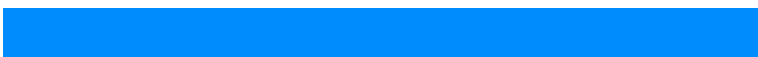
54577A



373A3D



00457D



008CFC



# Previews

## White Background



This preview shows how the Hex color 7A6554 looks on a white background.

## Color Contrast Check

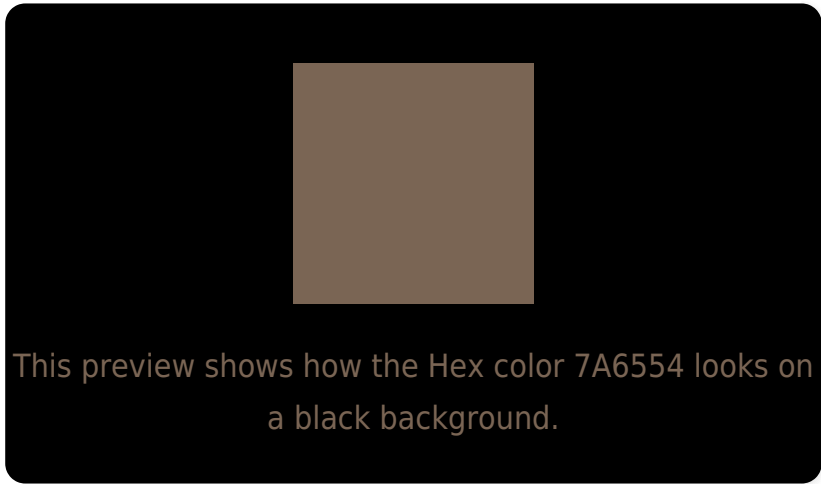
Large Text (above 18pt) WCAG AA ✓ Pass

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

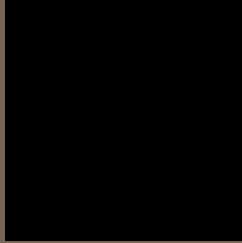
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A6554 Background



This preview shows how black text looks on a background with the Hex color 7A6554.



This preview shows how white text looks on a background with the Hex color 7A6554.

# 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**

7A6554

**Protanopia**

6F6956

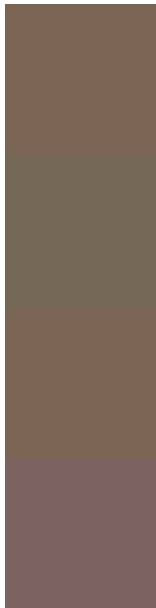
**Deuteranopia**

7A6554



**Tritanopia**  
7C626A

# Trichromacy



**Original Color**  
7A6554

**Protanomaly**  
736855

**Deuteranomaly**  
7A6554

**Tritanomaly**  
7B6362

# Monochromacy



**Original Color**  
7A6554

**Achromatopsia**  
696969

**Achromatomaly**  
6F6861

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A6554 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 #7A6554 looks like.

```
.text, #text, p{  
    color:#7A6554  
}
```

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 #7A6554 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A6554  
}
```

## Border

The CSS property to change the border of an element to Hex 7A6554 is called "border". The border property can be set on classes, ids or directly on the HTML element.

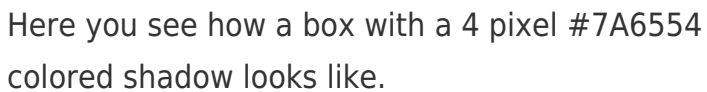
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#7A6554 }
```

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

```
.border{ border-color:#7A6554 }
```

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



Here you see how a box with a 4 pixel #7A6554 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A6554; -webkit-box-shadow:4px 4px  
4px 4px #7A6554; box-shadow:4px 4px 4px  
4px #7A6554 }
```

# Background

The CSS property to change the background color of an element to Hex 7A6554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A6554 }
```

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

```
.background{ background-color:#7A6554 }
```

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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