

# Converting Colors

Hex(774A4A)

Have a look what the booklet for  
Hex(774A4A) contains.

<b>Hex(774A4A)</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(774A4A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	774A4A
RGB	119, 74, 74
RGB Percent	47%, 29%, 29%
CMY	0.5333, 0.7098, 0.7098
CMYK	0.00, 0.38, 0.38, 0.53
HSL	0°, 23%, 38%
HSV	0°, 38%, 47%
XYZ	11.2926, 9.3139, 7.6811
YIQ	87.4550, 26.8200, 9.5400

# Conversions

## Conversions Part 2

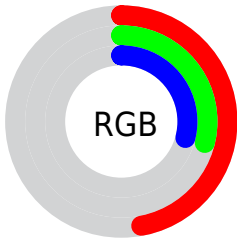
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 74, 74
Decimal	7817802
CIE Lab	36.58, 19.16, 8.02
CIE LCh	37, 20.768, 22.713
Yxy	9.3139, 0.3992, 0.3293
Android (android.graphics.Color)	4286007882 (0xFF774A4A)
YUV	87.4550, -6.6333, 27.6650
Hunter-Lab	30.5187, 12.6410, 6.4406

# Details

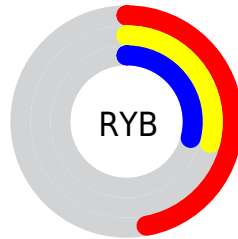
The Hex color **774A4A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4A7777**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **AD7B7B**, and **441D1E** is the 20% darker color. If you saturate the color by 10%, you get **773E3E**, and if you desaturate by 10%, it is **775656**.

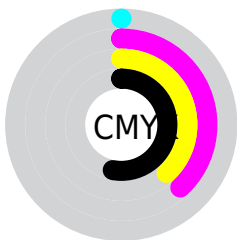
# Distribution



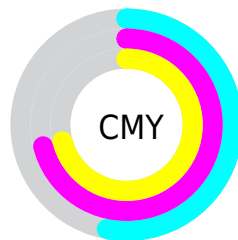
- Red (47%)
- Green (29%)
- Blue (29%)



- Red (47%)
- Yellow (29%)
- Blue (29%)



- Cyan (0%)
- Magenta (38%)
- Yellow (38%)
- Black (53%)



- Cyan (53%)
- Magenta (71%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 774A4A 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 774A4A by changing the saturation by 10% instead.





774A4A



774A4A

FFFFFF



5D3333



AD7B7B



441D1E



C99594



2D0705



E5B0AF



0B0000



FFCCCA



000000



FFE8E6



774A4A



774A4A



773E3E



775656



773232



776262

 772626

 776E6E

 771A1A

 777A7A

 770F0F

 778585

 770303

 779191

 770000

 779D9D

 77A9A9

 77B5B5

# Harmonies

## Analogous

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



744A5B



774A4A



714E3C

# Triad

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



774A4A



415D41



395977

# Complementary

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



774A4A



4A7777

# 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.



215D70



774A4A



2D5F51

# Square

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



774A4A



545937



1C5F62



525375

# Rectangle

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



774A4A



6A5236



1C5F62



305A76



# Sweetspot

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



774A4A



9C8A8A



774A77



4F4545



CFCFCF



4F4F4F



# Same Dimension

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



774A4A



9C5656



77614A



3B3535



7A0000



FA0000



# Inverse Universe

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



4A7777



569C9C



4A6177



353B3B



007A7A



00FAFA



# Previews

## White Background



This preview shows how the Hex color 774A4A looks on a white background.

## Color Contrast Check

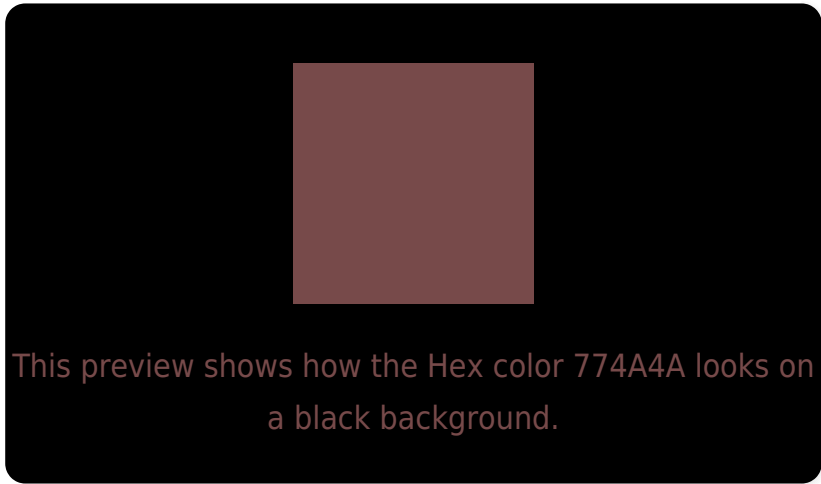
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 774A4A Background



This preview shows how black text looks on a background with the Hex color 774A4A.



This preview shows how white text looks on a background with the Hex color 774A4A.

# 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**  
774A4A

**Protanopia**  
595650

**Deuteranopia**  
645348



**Tritanopia**  
77494F

# Trichromacy



**Original Color**

774A4A

**Protanomaly**

64524E

**Deuteranomaly**

6B5049

**Tritanomaly**

77494D

# Monochromacy



**Original Color**

774A4A

**Achromatopsia**

575757

**Achromatomaly**

635252

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 774A4A 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 #774A4A looks like.

```
.text, #text, p{  
  color:#774A4A  
}
```

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 #774A4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #774A4A
}
```

## Border

The CSS property to change the border of an element to Hex 774A4A is called "border". The border property can be set on classes, ids or directly on the HTML element.

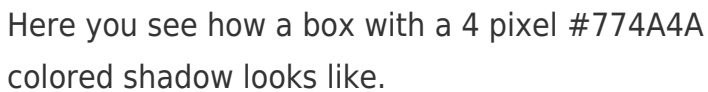
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#774A4A }
```

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

```
.border{ border-color:#774A4A }
```

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



Here you see how a box with a 4 pixel #774A4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #774A4A; -webkit-box-shadow:4px 4px  
4px 4px #774A4A; box-shadow:4px 4px 4px  
4px #774A4A }
```

# Background

The CSS property to change the background color of an element to Hex 774A4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#774A4A }
```

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

```
.background{ background-color:#774A4A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor