

# Converting Colors

Hex(7A4645)

Have a look what the booklet for  
Hex(7A4645) contains.

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# Color

**Hex(7A4645)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A4645
RGB	122, 70, 69
RGB Percent	48%, 27%, 27%
CMY	0.5216, 0.7255, 0.7294
CMYK	0.00, 0.43, 0.43, 0.52
HSL	1°, 28%, 37%
HSV	1°, 43%, 48%
XYZ	11.2904, 8.9476, 6.7622
YIQ	85.4340, 31.3130, 10.7130

# Conversions

## Conversions Part 2

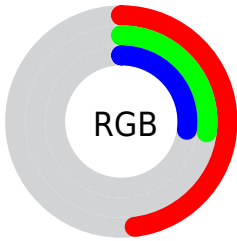
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 70, 69
Decimal	8013381
CIE Lab	35.88, 22.15, 10.25
CIE LCh	36, 24.410, 24.831
Yxy	8.9476, 0.4182, 0.3314
Android (android.graphics.Color)	4286203461 (0xFF7A4645)
YUV	85.4340, -8.1020, 32.0684
Hunter-Lab	29.9125, 15.0275, 7.5353

# Details

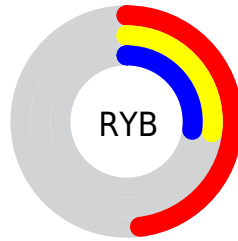
The Hex color **7A4645** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **45797A**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **B07775**, and **47191A** is the 20% darker color. If you saturate the color by 10%, you get **7A3A39**, and if you desaturate by 10%, it is **7A5251**.

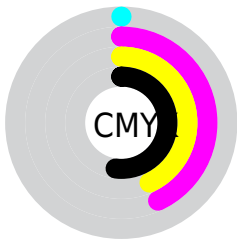
# Distribution



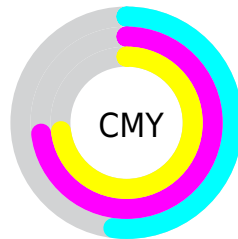
- Red (48%)
- Green (27%)
- Blue (27%)



- Red (48%)
- Yellow (27%)
- Blue (27%)



- Cyan (0%)
- Magenta (43%)
- Yellow (43%)
- Black (52%)



- Cyan (52%)
- Magenta (73%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A4645 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 7A4645 by changing the saturation by 10% instead.



 7A4645

 7A4645

FFFFFF

 602F2F

 B07775

 47191A

 CD918F

 2F0200

 E9ACA9

 0B0000

 FFC7C4

 000000

 FFE4E0

FFFFFFD

 7A4645

 7A4645

 7A3A39

 7A5251

 7A2E2D

 7A5E5D

 7A2220

 7A6A6A

 7A1614

 7A7676

 7A0A08

 7A8282

 7A0200

 7A8E8E

 7A9A9A

 7AA6A7

 7AB2B3

# Harmonies

## Analogous

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



774559



7A4645



734B35

# Triad

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



7A4645



395C3D



30577B

# Complementary

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



7A4645



45797A

# 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.



015C74



7A4645



1D5F50

# Square

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



7A4645



505830



005E64



525178

# Rectangle

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



7A4645



6A502F



005E64



23597A



# Sweetspot

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



7A4645



9E8A8A



7A4579



4F4342



CFCFCF



4F4F4F



# Same Dimension

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



7A4645



9E4D4C



7A6045



3D3737



7D0200



FC0500



# Inverse Universe

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



45797A



4C9D9E



455F7A



373D3D



007B7D

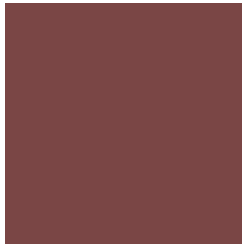


00F8FC



# Previews

## White Background



This preview shows how the Hex color 7A4645 looks on a white background.

## Color Contrast Check

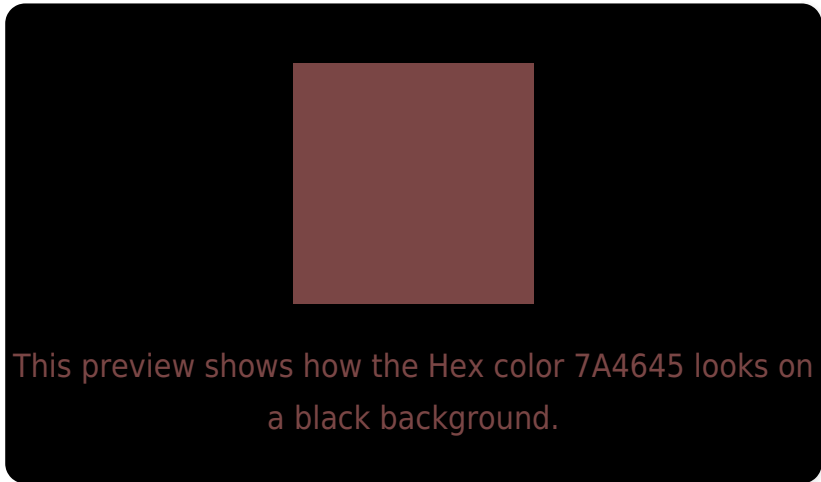
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A4645 Background



This preview shows how black text looks on a background with the Hex color 7A4645.



This preview shows how white text looks on a background with the Hex color 7A4645.

# 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**  
7A4645

**Protanopia**  
58554C

**Deuteranopia**  
635143



**Tritanopia**  
7A454A

# Trichromacy



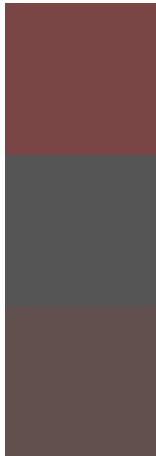
**Original Color**  
7A4645

**Protanomaly**  
645049

**Deuteranomaly**  
6B4D44

**Tritanomaly**  
7A4548

# Monochromacy



**Original Color**  
7A4645

**Achromatopsia**  
555555

**Achromatomaly**  
62504F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A4645 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 #7A4645 looks like.

```
.text, #text, p{  
    color:#7A4645  
}
```

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 #7A4645 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A4645
}
```

## Border

The CSS property to change the border of an element to Hex 7A4645 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".

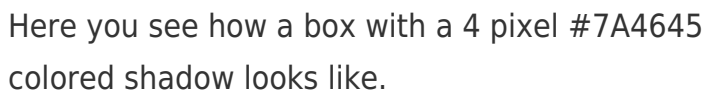
```
.border, #border, table{ border:4px solid
#7A4645 }
```

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

```
.border{ border-color:#7A4645 }
```

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

Here you see how a box with a 4 pixel #7A4645 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A4645; -webkit-box-shadow:4px 4px  
4px 4px #7A4645; box-shadow:4px 4px 4px  
4px #7A4645 }
```

# Background

The CSS property to change the background color of an element to Hex 7A4645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A4645 }
```

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

```
.background{ background-color:#7A4645 }
```

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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