

# Converting Colors

Hex(7A464E)

Have a look what the booklet for  
Hex(7A464E) contains.

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# Color

**Hex(7A464E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A464E
RGB	122, 70, 78
RGB Percent	48%, 27%, 31%
CMY	0.5216, 0.7255, 0.6941
CMYK	0.00, 0.43, 0.36, 0.52
HSL	351°, 27%, 38%
HSV	351°, 43%, 48%
XYZ	11.5913, 9.0680, 8.3471
YIQ	86.4600, 28.4240, 13.5120

# Conversions

## Conversions Part 2

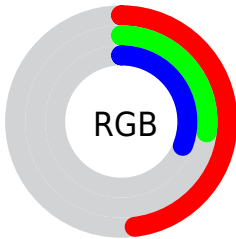
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 70, 78
Decimal	8013390
CIE <sub>Lab</sub>	36.11, 23.32, 4.89
CIE <sub>LCh</sub>	36, 23.827, 11.847
Yxy	9.0680, 0.3996, 0.3126
Android (android.graphics.Color)	4286203470 (0xFF7A464E)
YUV	86.4600, -4.1708, 31.1686
Hunter-Lab	30.1130, 16.0118, 4.6444

# Details

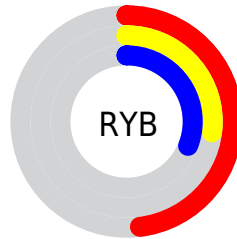
The Hex color **7A464E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **467A72**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **B0777F**, and **471822** is the 20% darker color. If you saturate the color by 10%, you get **7A3A44**, and if you desaturate by 10%, it is **7A5258**.

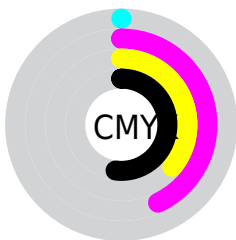
# Distribution



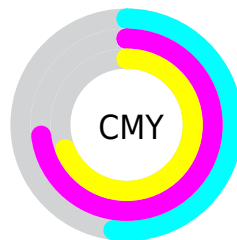
- Red (48%)
- Green (27%)
- Blue (31%)



- Red (48%)
- Yellow (27%)
- Blue (31%)



- Cyan (0%)
- Magenta (43%)
- Yellow (36%)
- Black (52%)



- Cyan (52%)
- Magenta (73%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A464E 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 7A464E by changing the saturation by 10% instead.



 7A464E

 7A464E

FFFFFF

 602F37

 B0777F

 471822

 CC9199

 2F020B

 E9ACB4

 100000

 FFC8CF

 000000

 FFE4EB

 7A464E

 7A464E

 7A3A44

 7A5258

 7A2E39

 7A5E63

 7A212F

 7A6B6D

 7A1525

 7A7777

 7A091A

 7A8382

 7A0013

 7A8F8C

 7A9B96

 7AA8A1

 7AB4AB

# Harmonies

## Analogous

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



734861



7A464E



77493C

# Triad

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



7A464E



455B38



235A79

# Complementary

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



7A464E



467A72

# 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.



005E6E



7A464E



2C5E48

# Square

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



7A464E



5A562F



0D5F5C



45547A

# Rectangle

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



7A464E



704E34



0D5F5C



155C76



# Sweetspot

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



7A464E



9E8A8D



71467A



4F4244



CFCFCF



4F4F4F



# Same Dimension

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



7A464E



9E4D5A



7A5746



3D3738



7D0013



FC0027



# Inverse Universe

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



7A464E



9E4D5A



46697A



3D3738



7D0013

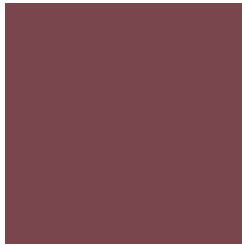


FC0027



# Previews

## White Background



This preview shows how the Hex color 7A464E looks on a white background.

## Color Contrast Check

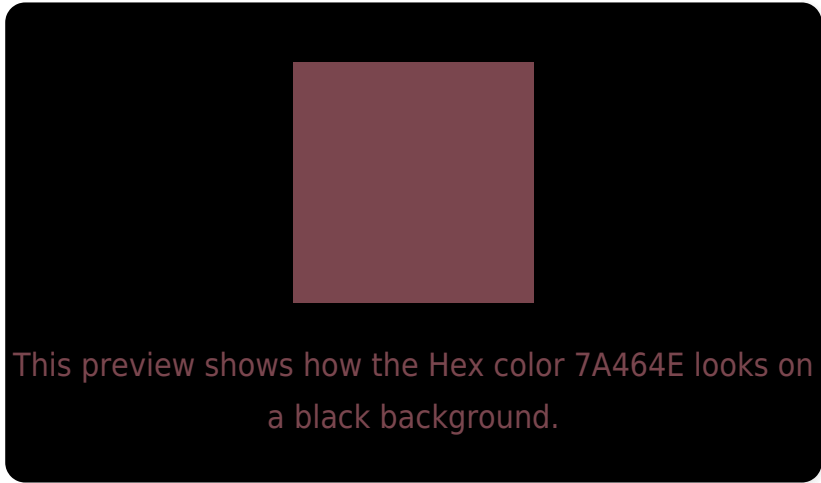
Large Text (above 18pt) WCAG AA ✓ Pass

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

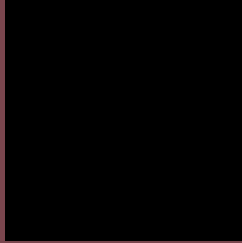
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A464E Background



This preview shows how black text looks on a background with the Hex color 7A464E.



This preview shows how white text looks on a background with the Hex color 7A464E.

# 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**  
7A464E

**Protanopia**  
575556

**Deuteranopia**  
61524C



**Tritanopia**  
7A464C

# Trichromacy



**Original Color**

7A464E

**Protanomaly**

645053

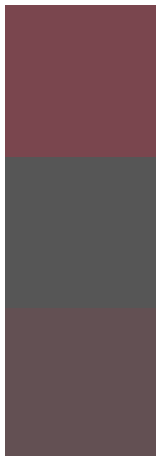
**Deuteranomaly**

6A4E4D

**Tritanomaly**

7A464D

# Monochromacy



**Original Color**

7A464E

**Achromatopsia**

565656

**Achromatomaly**

635053

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A464E 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 #7A464E looks like.

```
.text, #text, p{  
    color:#7A464E  
}
```

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 #7A464E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A464E
}
```

## Border

The CSS property to change the border of an element to Hex 7A464E 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".

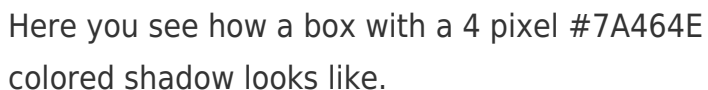
```
.border, #border, table{ border:4px solid
#7A464E }
```

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

```
.border{ border-color:#7A464E }
```

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

Here you see how a box with a 4 pixel #7A464E 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 #7A464E; -webkit-box-shadow:4px 4px  
4px 4px #7A464E; box-shadow:4px 4px 4px  
4px #7A464E }
```

# Background

The CSS property to change the background color of an element to Hex 7A464E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A464E }
```

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

```
.background{ background-color:#7A464E }
```

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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