

# Converting Colors

Hex(7A4652)

Have a look what the booklet for  
Hex(7A4652) contains.

<b>Hex(7A4652)</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(7A4652)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A4652
RGB	122, 70, 82
RGB Percent	48%, 27%, 32%
CMY	0.5216, 0.7255, 0.6784
CMYK	0.00, 0.43, 0.33, 0.52
HSL	346°, 27%, 38%
HSV	346°, 43%, 48%
XYZ	11.7392, 9.1271, 9.1256
YIQ	86.9160, 27.1400, 14.7560

# Conversions

## Conversions Part 2

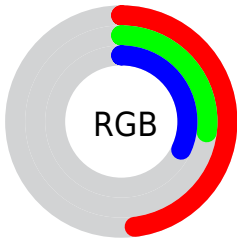
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 70, 82
Decimal	8013394
CIE Lab	36.23, 23.88, 2.52
CIE LCh	36, 24.015, 6.031
Yxy	9.1271, 0.3914, 0.3043
Android (android.graphics.Color)	4286203474 (0xFF7A4652)
YUV	86.9160, -2.4236, 30.7687
Hunter-Lab	30.2111, 16.4908, 3.2385




# Details

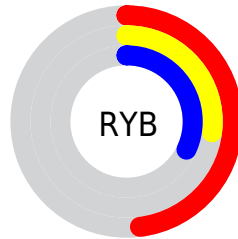
The Hex color **7A4652** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **467A6E**, and the grayscale version is **575757**.




A 20% lighter version of the original color is **B07783**, and **471825** is the 20% darker color. If you saturate the color by 10%, you get **7A3A49**, and if you desaturate by 10%, it is **7A525B**.

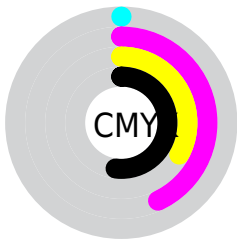
# Distribution







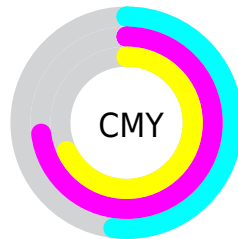
-  Red (48%)
-  Green (27%)
-  Blue (32%)






-  Red (48%)
-  Yellow (27%)
-  Blue (32%)



-  Cyan (0%)
-  Magenta (43%)
-  Yellow (33%)
-  Black (52%)



-  Cyan (52%)
-  Magenta (73%)
-  Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A4652 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 7A4652 by changing the saturation by 10% instead.



 7A4652

 7A4652

FFFFFF

 602F3B

 B07783

 471825

 CC919D

 2F0210

 E9ACB8

 120000

 FFC8D4

 000000

 FFE4F0

 7A4652

 7A4652

 7A3A49

 7A525B

 7A2E3F

 7A5E65

 7A2136

 7A6B6E

 7A152C

 7A7778

 7A0923

 7A8381

 7A001C

 7A8F8A

 7A9B94

 7AA89D

 7AB4A6

# Harmonies

## Analogous

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



714965



7A4652



794940

# Triad

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



7A4652



495B35



1A5B78

# Complementary

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



7A4652



467A6E

# 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.



005F6B



7A4652



315E45

# Square

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



7A4652



5E552E



135F59



3F567B

# Rectangle

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



7A4652



734C36



135F59



0B5D75



# Sweetspot

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



7A4652



9E8A8E



6E467A



4F4245



CFCFCF



4F4F4F



# Same Dimension

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



7A4652



9E4D60



7A5446



3D3738



7D001D



FC003A



# Inverse Universe

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



7A4652



9E4D60



466C7A



3D3738



7D001D

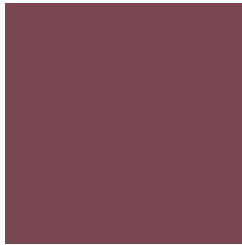


FC003A



# Previews

## White Background



This preview shows how the Hex color 7A4652 looks on a white background.

## Color Contrast Check

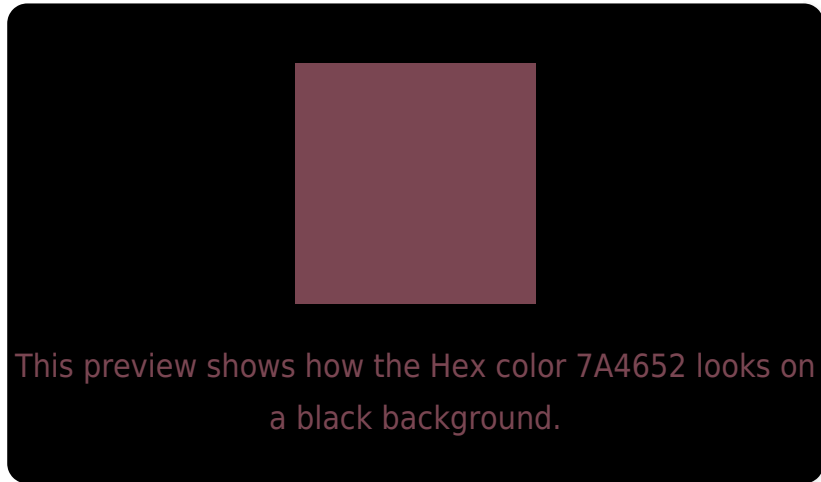
Large Text (above 18pt) WCAG AA ✓ Pass

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

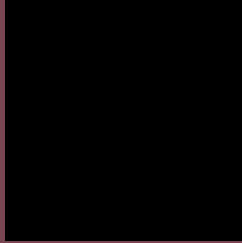
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A4652 Background



This preview shows how black text looks on a background with the Hex color 7A4652.



This preview shows how white text looks on a background with the Hex color 7A4652.

# 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**  
7A4652

**Protanopia**  
56555B

**Deuteranopia**  
605350



**Tritanopia**  
79474C

# Trichromacy



**Original Color**

7A4652

**Protanomaly**

635058

**Deuteranomaly**

694E51

**Tritanomaly**

79474E

# Monochromacy



**Original Color**

7A4652

**Achromatopsia**

575757

**Achromatomaly**

645155

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A4652 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 #7A4652 looks like.

```
.text, #text, p{  
    color:#7A4652  
}
```

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 #7A4652 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A4652
}
```

## Border

The CSS property to change the border of an element to Hex 7A4652 is called "border". The border property can be set on classes, ids or directly on the HTML element.

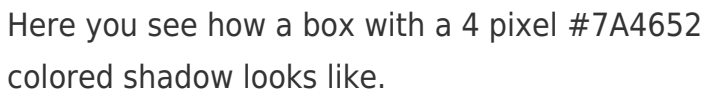
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A4652 }
```

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

```
.border{ border-color:#7A4652 }
```

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



Here you see how a box with a 4 pixel #7A4652 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A4652; -webkit-box-shadow:4px 4px  
4px 4px #7A4652; box-shadow:4px 4px 4px  
4px #7A4652 }
```

# Background

The CSS property to change the background color of an element to Hex 7A4652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A4652 }
```

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

```
.background{ background-color:#7A4652 }
```

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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