

# Converting Colors

Hex(7A4933)

Have a look what the booklet for  
Hex(7A4933) contains.

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**Color**

**Hex(7A4933)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A4933
RGB	122, 73, 51
RGB Percent	48%, 29%, 20%
CMY	0.5216, 0.7137, 0.8000
CMYK	0.00, 0.40, 0.58, 0.52
HSL	19°, 41%, 34%
HSV	19°, 58%, 48%
XYZ	11.0061, 9.1417, 4.3164
YIQ	85.1430, 36.2660, 3.5460

# Conversions

## Conversions Part 2

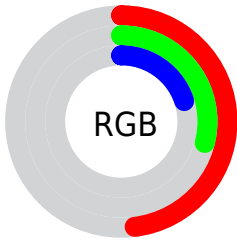
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 83, 51
Decimal	8014131
CIELab	36.26, 18.47, 21.90
CIELCh	36, 28.648, 49.862
Yxy	9.1417, 0.4499, 0.3737
Android (android.graphics.Color)	4286204211 (0xFF7A4933)
YUV	85.1430, -16.8325, 32.3236
Hunter-Lab	30.2352, 12.0654, 12.7004

# Details

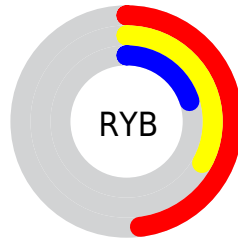
The Hex color **7A4933** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **33647A**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **B17A62**, and **461C06** is the 20% darker color. If you saturate the color by 10%, you get **7A4127**, and if you desaturate by 10%, it is **7A513F**.

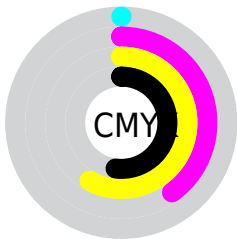
# Distribution



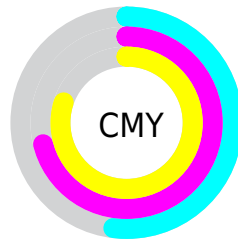
- Red (48%)
- Green (29%)
- Blue (20%)



- Red (48%)
- Yellow (33%)
- Blue (20%)



- Cyan (0%)
- Magenta (40%)
- Yellow (58%)
- Black (52%)



- Cyan (52%)
- Magenta (71%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A4933 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 7A4933 by changing the saturation by 10% instead.



 7A4933

 7A4933

FFFFFF

 5F321D

 B17A62

 461C06

 CD947B

 2D0600

 EBAF95

 060000

 FFCAAF

 000000

 FFE6CB

 FFFFE7

 7A4933

 7A4933

 7A4127

 7A513F

 7A381B

 7A5A4B

 7A300E

 7A6258

 7A2702

 7A6B64

 7A2600

 7A7370

 7A7C7C

 7A8488

 7A8C95

 7A95A1

# Harmonies

## Analogous

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



814347



7A4933



6A5127

# Triad

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



7A4933



12614C



4B5280

# Complementary

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



7A4933



33647A

# 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.



1A5A82



7A4933



006164

# Square

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



7A4933



3A5E37



005F78



6A4973

# Rectangle

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



7A4933



5C5627



005F78



3E5582



# Sweetspot

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



7A4933



9E8C83



7A3365



4F443F



CFCFCF



4F4F4F



# Same Dimension

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



7A4933



9E522F



7A6C33



3D3937



7D2700



FC4E00



# Inverse Universe

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



33647A



2F7C9E



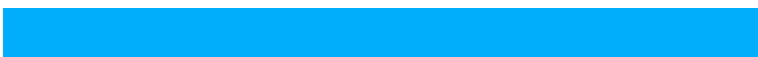
33417A



373B3D



00567D



00AEFC



# Previews

## White Background



This preview shows how the Hex color 7A4933 looks on a white background.

## Color Contrast Check

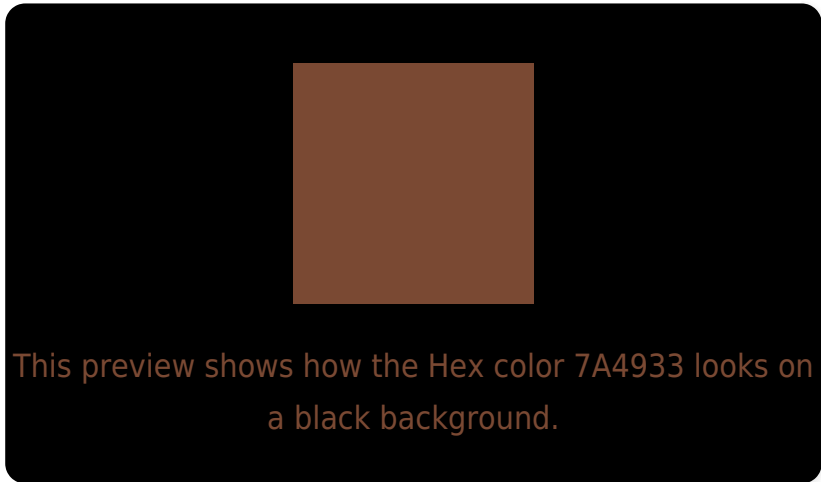
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A4933 Background



This preview shows how black text looks on a background with the Hex color 7A4933.



This preview shows how white text looks on a background with the Hex color 7A4933.

# 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**

7A4933

**Protanopia**

5D5638

**Deuteranopia**

685231



**Tritanopia**  
7C464B

# Trichromacy



**Original Color**  
7A4933

**Protanomaly**  
685136

**Deuteranomaly**  
6F4F32

**Tritanomaly**  
7B4742

# Monochromacy



**Original Color**  
7A4933

**Achromatopsia**  
555555

**Achromatomaly**  
625149

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A4933 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 #7A4933 looks like.

```
.text, #text, p{  
    color:#7A4933  
}
```

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 #7A4933 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A4933
}
```

## Border

The CSS property to change the border of an element to Hex 7A4933 is called "border". The border property can be set on classes, ids or directly on the HTML element.

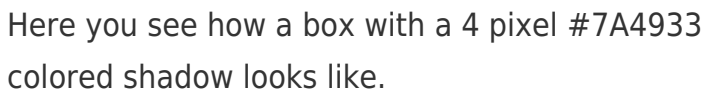
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A4933 }
```

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

```
.border{ border-color:#7A4933 }
```

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



Here you see how a box with a 4 pixel #7A4933 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A4933; -webkit-box-shadow:4px 4px  
4px 4px #7A4933; box-shadow:4px 4px 4px  
4px #7A4933 }
```

# Background

The CSS property to change the background color of an element to Hex 7A4933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A4933 }
```

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

```
.background{ background-color:#7A4933 }
```

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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