

# Converting Colors

Hex(7A5056)

Have a look what the booklet for  
Hex(7A5056) contains.

<b>Hex(7A5056)</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(7A5056)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A5056
RGB	122, 80, 86
RGB Percent	48%, 31%, 34%
CMY	0.5216, 0.6863, 0.6627
CMYK	0.00, 0.34, 0.30, 0.52
HSL	351°, 21%, 40%
HSV	351°, 34%, 48%
XYZ	12.5744, 10.5468, 10.1771
YIQ	93.2420, 23.1060, 10.7700

# Conversions

## Conversions Part 2

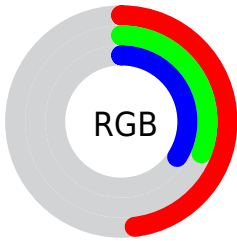
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 80, 86
Decimal	8015958
CIE <sub>Lab</sub>	38.81, 18.54, 3.73
CIE <sub>LCh</sub>	39, 18.910, 11.373
Yxy	10.5468, 0.3776, 0.3167
Android (android.graphics.Color)	4286206038 (0xFF7A5056)
YUV	93.2420, -3.5703, 25.2208
Hunter-Lab	32.4758, 12.2813, 4.1531

# Details

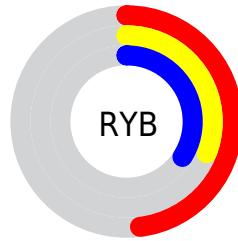
The Hex color **7A5056** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **507A74**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **AF8288**, and **482229** is the 20% darker color. If you saturate the color by 10%, you get **7A444C**, and if you desaturate by 10%, it is **7A5C60**.

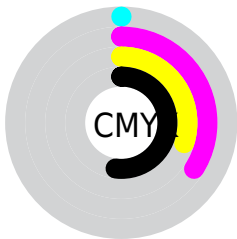
# Distribution



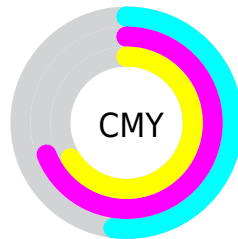
- Red (48%)
- Green (31%)
- Blue (34%)



- Red (48%)
- Yellow (31%)
- Blue (34%)



- Cyan (0%)
- Magenta (34%)
- Yellow (30%)
- Black (52%)



- Cyan (52%)
- Magenta (69%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A5056 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 7A5056 by changing the saturation by 10% instead.



 7A5056

 7A5056

FFFFFF

 60393F

 AF8288

 482229

 CB9CA2

 300D15

 E8B7BD

 1A0001

 FFD3D9

 000000

 FFEFF5

 7A5056

 7A5056

 7A444C

 7A5C60

 7A3841

 7A686B

 7A2B37

 7A7575

 7A1F2C

 7A8180

 7A1322

 7A8D8A

 7A0717

 7A9995

 7A0011

 7AA59F

 7AB2AA

 7ABEB4

# Harmonies

## Analogous

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



745166



7A5056



785248

# Triad

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



7A5056



4F6044



3A6078

# Complementary

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



7A5056



507A74

# 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.



2B636F



7A5056



3D6351

# Square

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



7A5056



605C3D



2E6461



505B79

# Rectangle

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



7A5056



725541



2E6461



346176



# Sweetspot

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



7A5056



9E8E91



74507A



4F4647



CFCFCF



4F4F4F



# Same Dimension

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



7A5056



9E5D67



7A5F50



3D3738



7D0012



FC0024



# Inverse Universe

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



7A5056



9E5D67



506B7A



3D3738



7D0012

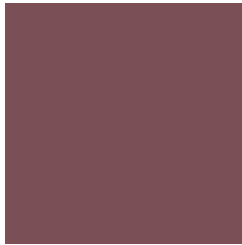


FC0024



# Previews

## White Background



This preview shows how the Hex color 7A5056 looks on a white background.

## Color Contrast Check

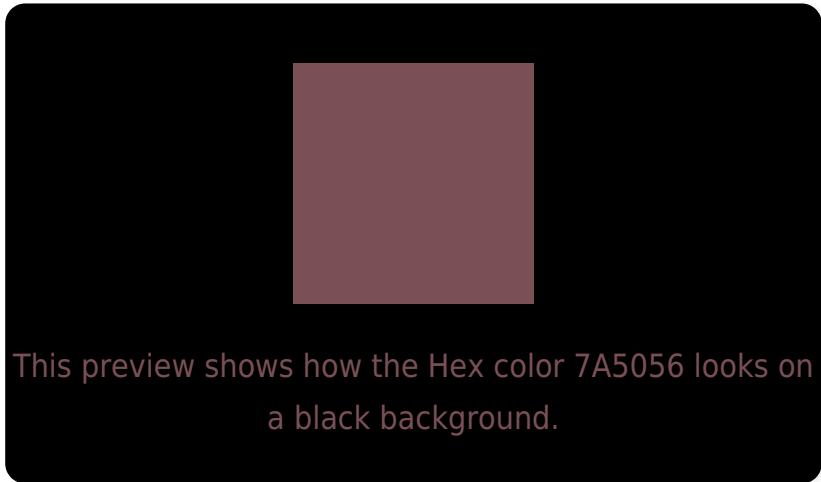
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

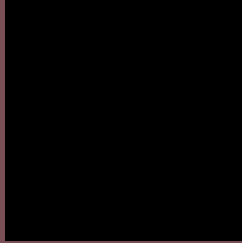
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A5056 Background



This preview shows how black text looks on a background with the Hex color 7A5056.



This preview shows how white text looks on a background with the Hex color 7A5056.

# 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**  
7A5056

**Protanopia**  
5D5B5C

**Deuteranopia**  
675854



**Tritanopia**  
7A5056

# Trichromacy



**Original Color**  
7A5056

**Protanomaly**  
68575A

**Deuteranomaly**  
6E5555

**Tritanomaly**  
7A5056

# Monochromacy



**Original Color**  
7A5056

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
68585A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A5056 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 #7A5056 looks like.

```
.text, #text, p{  
    color:#7A5056  
}
```

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 #7A5056 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A5056
}
```

## Border

The CSS property to change the border of an element to Hex 7A5056 is called "border". The border property can be set on classes, ids or directly on the HTML element.

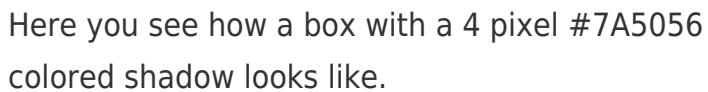
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A5056 }
```

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

```
.border{ border-color:#7A5056 }
```

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



Here you see how a box with a 4 pixel #7A5056 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A5056; -webkit-box-shadow:4px 4px  
4px 4px #7A5056; box-shadow:4px 4px 4px  
4px #7A5056 }
```

# Background

The CSS property to change the background color of an element to Hex 7A5056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A5056 }
```

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

```
.background{ background-color:#7A5056 }
```

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