

Converting Colors

Hex(7C643A)

Have a look what the booklet for
Hex(7C643A) contains.

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Color

Hex(7C643A)

Conversions

Conversions Part 1

Format	Color
Hex	7C643A
RGB	124, 100, 58
RGB Percent	49%, 39%, 23%
CMY	0.5137, 0.6078, 0.7725
CMYK	0.00, 0.19, 0.53, 0.51
HSL	38°, 36%, 36%
HSV	38°, 53%, 49%
XYZ	13.6331, 13.7049, 5.9298
YIQ	102.3880, 27.7860, -7.9740

Conversions

Conversions Part 2

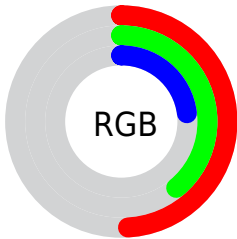
Format	Color
RYB	96, 124, 58
Decimal	8152122
CIELab	43.81, 3.94, 27.31
CIELCh	44, 27.589, 81.783
Yxy	13.7049, 0.4098, 0.4120
Android (android.graphics.Color)	4286342202 (0xFF7C643A)
YUV	102.3880, -21.8833, 18.9537
Hunter-Lab	37.0202, 0.9493, 16.4172

Details

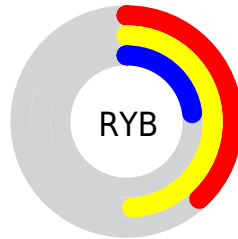
The Hex color **7C643A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3A527C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **B2976A**, and **49360D** is the 20% darker color. If you saturate the color by 10%, you get **7C5F2E**, and if you desaturate by 10%, it is **7C6946**.

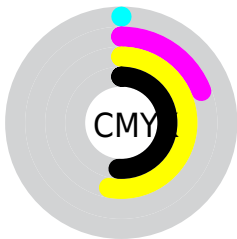
Distribution



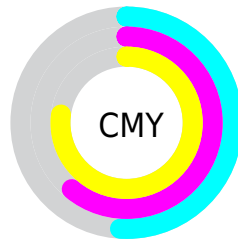
- Red (49%)
- Green (39%)
- Blue (23%)



- Red (38%)
- Yellow (49%)
- Blue (23%)



- Cyan (0%)
- Magenta (19%)
- Yellow (53%)
- Black (51%)



- Cyan (51%)
- Magenta (61%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C643A 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 7C643A by changing the saturation by 10% instead.

 7C643A

 7C643A

FFFFFF

 624C23

 B2976A

 49360D

 CEB184

 312000

 EBCD9E

 190A00

 FFE9B9

 000000

 FFFFD5

 FFFFF1

 7C643A

 7C643A

 7C5F2E

 7C6946

 7C5B21

 7C6D53

 7C5615

 7C725F

 7C5208

 7C766C

 7C4F00

 7C7B78

 7C7F84

 7C8491

 7C889D

 7C8DAA

Harmonies

Analogous

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



8D5C44



7C643A



666B3C

Triad

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



7C643A



007478



7E5C84

Complementary

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



7C643A



3A527C

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.



616492



7C643A



04718B

Square

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



7C643A



2C7360



3A6C94



90566F

Rectangle

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



7C643A



546F45



3A6C94



765E8A

Sweetspot

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



7C643A



A19787



7C3A52



524C42



D1D1D1



525252

Same Dimension

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



7C643A



A17B3A



737C3A



3D3B37



7D5000



FCA100

Inverse Universe

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



3A527C



3A5FA1



433A7C



37393D



002D7D



005CFC

Previews

White Background



This preview shows how the Hex color 7C643A 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

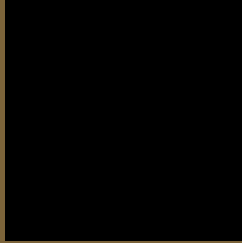
Any Text WCAG AA × Fail

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 7C643A Background



This preview shows how black text looks on a background with the Hex color 7C643A.



This preview shows how white text looks on a background with the Hex color 7C643A.

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

7C643A

Protanopia

72683B

Deuteranopia

7F633A



Tritanopia
805F66

Trichromacy



Original Color
7C643A

Protanomaly
76673B

Deuteranomaly
7E633A

Tritanomaly
7F6156

Monochromacy



Original Color
7C643A

Achromatopsia
666666

Achromatomaly
6E6556

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C643A 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 #7C643A looks like.

```
.text, #text, p{  
    color:#7C643A  
}
```

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 #7C643A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C643A
}
```

Border

The CSS property to change the border of an element to Hex 7C643A 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
#7C643A }
```

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

```
.border{ border-color:#7C643A }
```

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

Here you see how a box with a 4 pixel #7C643A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C643A; -webkit-box-shadow:4px 4px  
4px 4px #7C643A; box-shadow:4px 4px 4px  
4px #7C643A }
```

Background

The CSS property to change the background color of an element to Hex 7C643A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C643A }
```

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

```
.background{ background-color:#7C643A }
```

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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