

Converting Colors

Hex(643C2E)

Have a look what the booklet for
Hex(643C2E) contains.

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Color

Hex(643C2E)

Conversions

Conversions Part 1

Format	Color
Hex	643C2E
RGB	100, 60, 46
RGB Percent	39%, 24%, 18%
CMY	0.6078, 0.7647, 0.8196
CMYK	0.00, 0.40, 0.54, 0.61
HSL	16°, 37%, 29%
HSV	16°, 54%, 39%
XYZ	7.3645, 6.1383, 3.3814
YIQ	70.3640, 28.3340, 4.1260

Conversions

Conversions Part 2

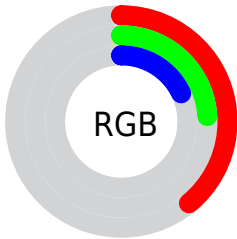
Format	Color
RYB	100, 65, 46
Decimal	6569006
CIELab	29.76, 15.92, 16.03
CIELCh	30, 22.594, 45.189
Yxy	6.1383, 0.4362, 0.3636
Android (android.graphics.Color)	4284759086 (0xFF643C2E)
YUV	70.3640, -12.0115, 25.9908
Hunter-Lab	24.7756, 9.7017, 9.2509

Details

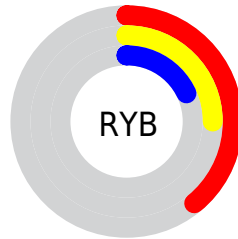
The Hex color **643C2E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2E5664**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **996C5C**, and **331100** is the 20% darker color. If you saturate the color by 10%, you get **643524**, and if you desaturate by 10%, it is **644338**.

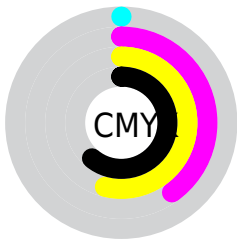
Distribution



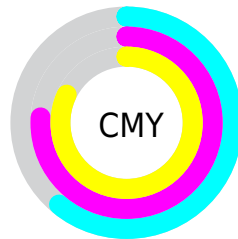
- Red (39%)
- Green (24%)
- Blue (18%)



- Red (39%)
- Yellow (25%)
- Blue (18%)



- Cyan (0%)
- Magenta (40%)
- Yellow (54%)
- Black (61%)



- Cyan (61%)
- Magenta (76%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 643C2E 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 643C2E by changing the saturation by 10% instead.

 643C2E

 643C2E

FFFFFF

 4B2619

 996C5C

 331100

 B58575

 1C0001

 D19F8E

 000000

 EEBA9

 FFD6C4

 FFF3E0

FFFFFFD

 643C2E

 643C2E

■ 643524

■ 644338

■ 642D1A

■ 644B42

■ 642610

■ 64524C

■ 641E06

■ 645A56

■ 641A00

■ 646160

■ 64686A

■ 647074

■ 64777E

■ 647F88

Harmonies

Analogous

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



68383E



643C2E



594224

Triad

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



643C2E



1D4F3D



3A4568

Complementary

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



643C2E



2E5664

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.



184A68



643C2E



004F4F

Square

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



643C2E



354C2D



004E5E



533E5F

Rectangle

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



643C2E



4E4623



004E5E



304769

Sweetspot

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



643C2E



82736D



642E57



423936



C2C2C2



424242

Same Dimension

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



643C2E



82432E



64572E



332F2E



731E00



F23F00

Inverse Universe

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



2E5664



2E6C82



2E3C64



2E3233



005573



00B3F2

Previews

White Background



This preview shows how the Hex color 643C2E looks on a white background.

Color Contrast Check

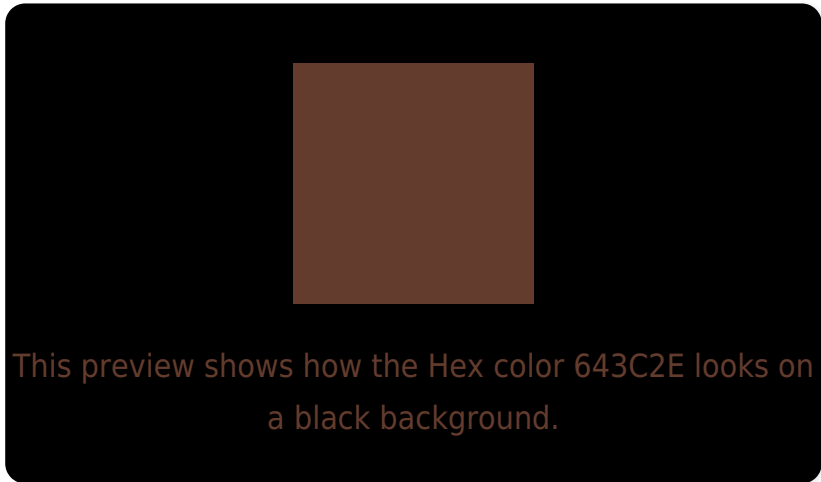
Large Text (above 18pt) WCAG AA ✓ Pass

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

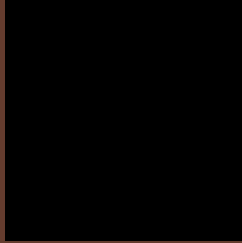
Any Text WCAG AA × Fail

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 643C2E Background



This preview shows how black text looks on a background with the Hex color 643C2E.

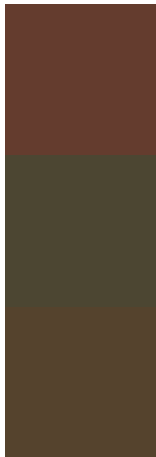


This preview shows how white text looks on a background with the Hex color 643C2E.

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
643C2E

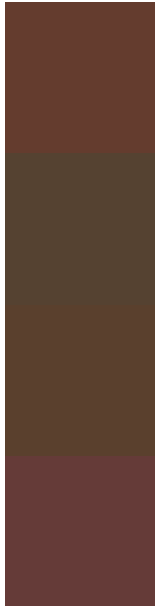
Protanopia
4C4632

Deuteranopia
55432D



Tritanopia
653A3E

Trichromacy



Original Color
643C2E

Protanomaly
554231

Deuteranomaly
5A402D

Tritanomaly
653B38

Monochromacy



Original Color
643C2E

Achromatopsia
464646

Achromatomaly
51423D

CSS Examples

Text

The CSS property to change the color of the text to Hex 643C2E 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 #643C2E looks like.

```
.text, #text, p{  
    color:#643C2E  
}
```

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 #643C2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #643C2E
}
```

Border

The CSS property to change the border of an element to Hex 643C2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

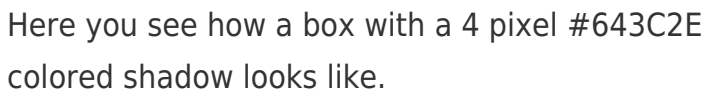
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#643C2E }
```

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

```
.border{ border-color:#643C2E }
```

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



Here you see how a box with a 4 pixel #643C2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #643C2E; -webkit-box-shadow:4px 4px  
4px 4px #643C2E; box-shadow:4px 4px 4px  
4px #643C2E }
```

Background

The CSS property to change the background color of an element to Hex 643C2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#643C2E }
```

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

```
.background{ background-color:#643C2E }
```

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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