

Converting Colors

Hex(643835)

Have a look what the booklet for
Hex(643835) contains.

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Color

Hex(643835)

Conversions

Conversions Part 1

Format	Color
Hex	643835
RGB	100, 56, 53
RGB Percent	39%, 22%, 21%
CMY	0.6078, 0.7804, 0.7922
CMYK	0.00, 0.44, 0.47, 0.61
HSL	4°, 31%, 30%
HSV	4°, 47%, 39%
XYZ	7.3123, 5.7947, 4.1013
YIQ	68.8140, 27.1870, 8.3950

Conversions

Conversions Part 2

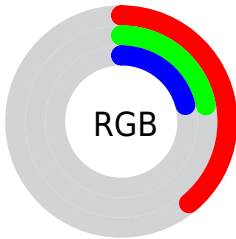
Format	Color
R_{YB}	100, 56, 53
Decimal	6567989
CIE Lab	28.89, 19.17, 10.35
CIE LCh	29, 21.786, 28.369
Yxy	5.7947, 0.4249, 0.3367
Android (android.graphics.Color)	4284758069 (0xFF643835)
YUV	68.8140, -7.7963, 27.3501
Hunter-Lab	24.0722, 12.0958, 6.7491




Details

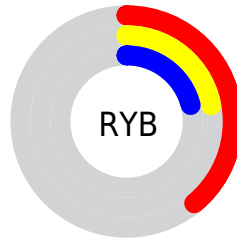
The Hex color **643835** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **356164**, and the grayscale version is **454545**.




A 20% lighter version of the original color is **996864**, and **330C08** is the 20% darker color. If you saturate the color by 10%, you get **642F2B**, and if you desaturate by 10%, it is **64413F**.

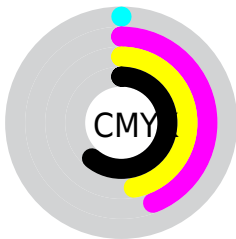
Distribution







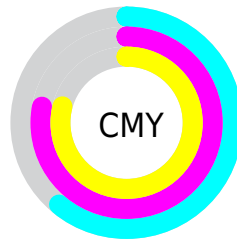
-  Red (39%)
-  Green (22%)
-  Blue (21%)






-  Red (39%)
-  Yellow (22%)
-  Blue (21%)



-  Cyan (0%)
-  Magenta (44%)
-  Yellow (47%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (78%)
-  Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 643835 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 643835 by changing the saturation by 10% instead.

■ 643835

■ 643835

FFFFFF

■ 4B2220

■ 996864

■ 330C08

■ B4817C

■ 1C0001

■ D09B96

■ 000000

■ EDB6B1

■ FFD2CC

■ FFEED9

■ 643835

■ 643835

■ 642F2B

■ 64413F

■ 642521

■ 644B49

■ 641C17

■ 645453

■ 64130D

■ 645D5D

■ 640903

■ 646767

■ 640600

■ 647071

■ 647A7B

■ 648385

■ 648C8F

Harmonies

Analogous

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



633746



643835



5D3D28

Triad

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



643835



2A4B32



284666

Complementary

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



643835



356164

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.



004A60



643835



0F4D43

Square

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



643835



3E4826



004D54



444062

Rectangle

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



643835



554123



004D54



1D4865

Sweetspot

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



643835



827170



643562



423837



C2C2C2



424242

Same Dimension

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



643835



823E39



644F35



332E2E



730700



F20F00

Inverse Universe

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



356164



397D82



354A64



2E3333



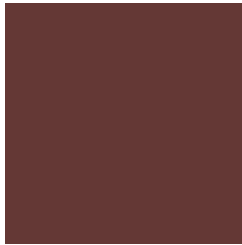
006B73



00E3F2

Previews

White Background



This preview shows how the Hex color 643835 looks on a white background.

Color Contrast Check

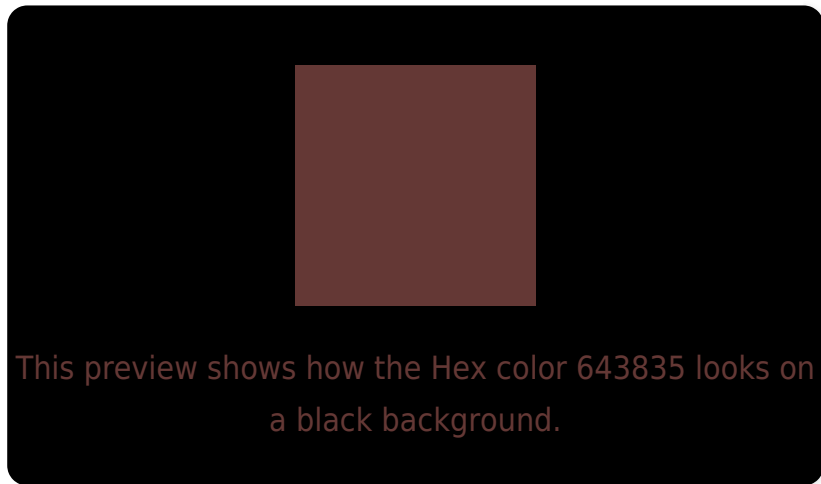
Large Text (above 18pt) WCAG AA ✓ Pass

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 643835 Background



This preview shows how black text looks on a background with the Hex color 643835.

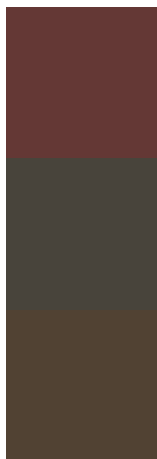


This preview shows how white text looks on a background with the Hex color 643835.

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
643835

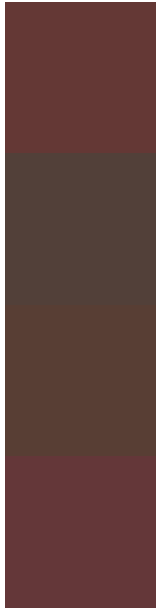
Protanopia
48443B

Deuteranopia
514233



Tritanopia
64373B

Trichromacy



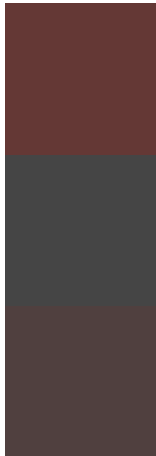
Original Color
643835

Protanomaly
524039

Deuteranomaly
583E34

Tritanomaly
643739

Monochromacy



Original Color
643835

Achromatopsia
454545

Achromatomaly
50403F

CSS Examples

Text

The CSS property to change the color of the text to Hex 643835 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 #643835 looks like.

```
.text, #text, p{  
    color:#643835  
}
```

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 #643835 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #643835
}
```

Border

The CSS property to change the border of an element to Hex 643835 is called "border". The border property can be set on classes, ids or directly on the HTML element.

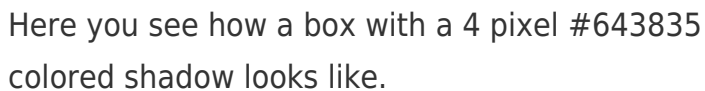
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#643835 }
```

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

```
.border{ border-color:#643835 }
```

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



Here you see how a box with a 4 pixel #643835 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #643835; -webkit-box-shadow:4px 4px  
4px 4px #643835; box-shadow:4px 4px 4px  
4px #643835 }
```

Background

The CSS property to change the background color of an element to Hex 643835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#643835 }
```

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

```
.background{ background-color:#643835 }
```

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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