

Converting Colors

Hex(643800)

Have a look what the booklet for
Hex(643800) contains.

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Color

Hex(643800)

Conversions

Conversions Part 1

Format	Color
Hex	643800
RGB	100, 56, 0
RGB Percent	39%, 22%, 0%
CMY	0.6078, 0.7804, 1.0000
CMYK	0.00, 0.44, 1.00, 0.61
HSL	34°, 100%, 20%
HSV	34°, 100%, 39%
XYZ	6.6697, 5.5377, 0.7173
YIQ	62.7720, 44.2000, -8.0880

Conversions

Conversions Part 2

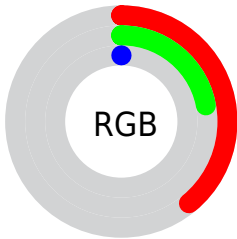
Format	Color
R_{YB}	79, 100, 0
Decimal	6567936
CIE _{Lab}	28.21, 15.65, 38.39
CIE _{LCh}	28, 41.454, 67.815
Yxy	5.5377, 0.5160, 0.4285
Android (android.graphics.Color)	4284758016 (0xFF643800)
YUV	62.7720, -30.9466, 32.6490
Hunter-Lab	23.5323, 9.4105, 14.6652

Details

The Hex color **643800** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002C64**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **9B6731**, and **2F0E00** is the 20% darker color. If you saturate the color by 10%, you get **643800**, and if you desaturate by 10%, it is **643C0A**.

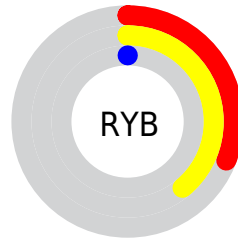
Distribution



Red (39%)

Green (22%)

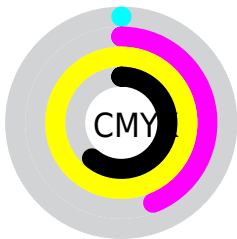
Blue (0%)



Red (31%)

Yellow (39%)

Blue (0%)

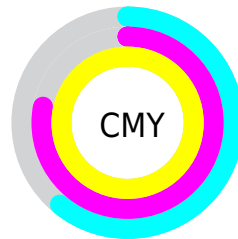


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (61%)



Cyan (61%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 643800 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 643800 by changing the saturation by 10% instead.

 643800

 643800

 FFFFE8

 492200

 9B6731

 2F0E00

 B88049

 130000

 D59A61

 000000

 F3B57B

 FFD195

 FFEDB0

 FFFFCC

 643800

■ 643C0A

■ 644114

■ 64451E

■ 644A28

■ 644E32

■ 64523C

■ 645746

■ 645B50

■ 64605A

Harmonies

Analogous

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



76291D



643800



4A4400

Triad

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



643800



00514A



4E3675

Complementary

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



643800



002C64

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.



004482



643800



005069

Square

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



643800



004F29



004C7E



6F265B

Rectangle

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



643800



344900



004C7E



3C3B7B

Sweetspot

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



643800



82715B



64002D



42382A



C2C2C2



424242

Same Dimension

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



643800



824900



5F6400



33312E



734000



F28800

Inverse Universe

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



002C64



003982



050064



2E3033



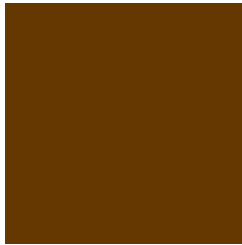
003273



006BF2

Previews

White Background



This preview shows how the Hex color 643800 looks on a white background.

Color Contrast Check

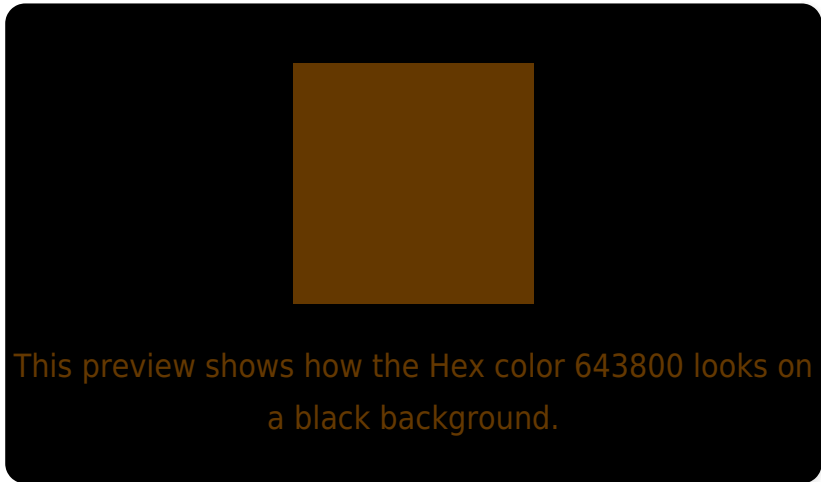
Large Text (above 18pt) WCAG AA ✓ Pass

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 643800 Background



This preview shows how black text looks on a background with the Hex color 643800.



This preview shows how white text looks on a background with the Hex color 643800.

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
643800

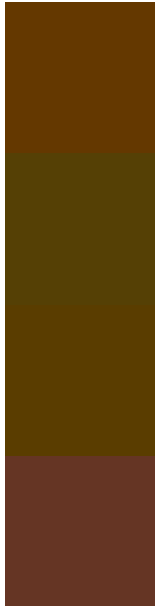
Protanopia
4C4408

Deuteranopia
554000



Tritanopia
663438

Trichromacy



Original Color
643800

Protanomaly
554005

Deuteranomaly
5A3D00

Tritanomaly
653524

Monochromacy



Original Color
643800

Achromatopsia
3F3F3F

Achromatomaly
4C3C28

CSS Examples

Text

The CSS property to change the color of the text to Hex 643800 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 #643800 looks like.

```
.text, #text, p{  
    color:#643800  
}
```

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 #643800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #643800
}
```

Border

The CSS property to change the border of an element to Hex 643800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

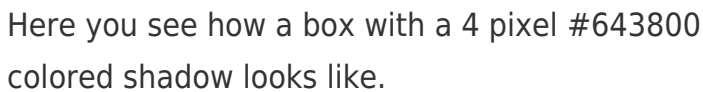
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#643800 }
```

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

```
.border{ border-color:#643800 }
```

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



Here you see how a box with a 4 pixel #643800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #643800; -webkit-box-shadow:4px 4px  
4px 4px #643800; box-shadow:4px 4px 4px  
4px #643800 }
```

Background

The CSS property to change the background color of an element to Hex 643800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#643800 }
```

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

```
.background{ background-color:#643800 }
```

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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