

Converting Colors

Hex(643517)

Have a look what the booklet for
Hex(643517) contains.

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Color

Hex(643517)

Conversions

Conversions Part 1

Format	Color
Hex	643517
RGB	100, 53, 23
RGB Percent	39%, 21%, 9%
CMY	0.6078, 0.7922, 0.9098
CMYK	0.00, 0.47, 0.77, 0.61
HSL	23°, 63%, 24%
HSV	23°, 77%, 39%
XYZ	6.6833, 5.3174, 1.4847
YIQ	63.6330, 37.6420, 0.6340

Conversions

Conversions Part 2

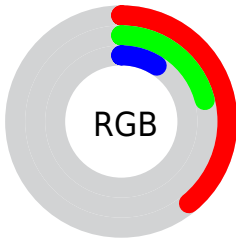
Format	Color
RYB	100, 72, 23
Decimal	6567191
CIELab	27.62, 18.35, 27.43
CIELCh	28, 33.001, 56.209
Yxy	5.3174, 0.4956, 0.3943
Android (android.graphics.Color)	4284757271 (0xFF643517)
YUV	63.6330, -20.0321, 31.8939
Hunter-Lab	23.0595, 11.3803, 12.3241

Details

The Hex color **643517** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **174664**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **9B6444**, and **300A00** is the 20% darker color. If you saturate the color by 10%, you get **642F0D**, and if you desaturate by 10%, it is **643B21**.

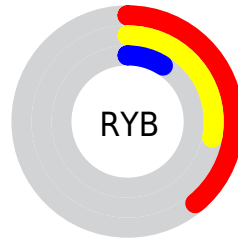
Distribution



Red (39%)

Green (21%)

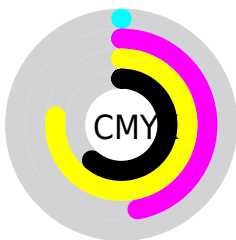
Blue (9%)



Red (39%)

Yellow (28%)

Blue (9%)

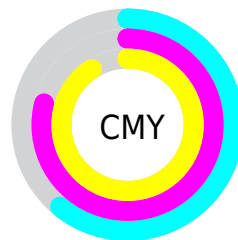


Cyan (0%)

Magenta (47%)

Yellow (77%)

Black (61%)



Cyan (61%)

Magenta (79%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 643517 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 643517 by changing the saturation by 10% instead.

 643517

 643517

FFFFFFD

 4A1F00

 9B6444

 300A00

 B77D5B

 130000

 D49774

 000000

 F1B28E

 FFCEA9

 FFEAC4

 FFFFEO

 643517

 643517

■ 642F0D

■ 643B21

■ 642903

■ 64412B

■ 642700

■ 644735

■ 644D3F

■ 645449

■ 645A53

■ 64605D

■ 646667

■ 646C71

Harmonies

Analogous

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



6E2C2C



643517



513F0A

Triad

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



643517



004D3D



3C3C6F

Complementary

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



643517



174664

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.



004574



643517



004D57

Square

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



643517



164B24



004B6B



5D315E

Rectangle

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



643517



41440B



004B6B



2B3F72

Sweetspot

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



643517



827064



641746



423730



C2C2C2



424242

Same Dimension

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



643517



82390A



645B17



33302E



732D00



F25E00

Inverse Universe

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



174664



0A5382



172064



2E3133



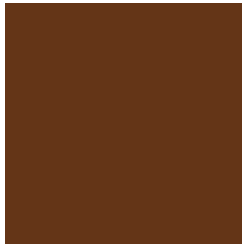
004673



0094F2

Previews

White Background



This preview shows how the Hex color 643517 looks on a white background.

Color Contrast Check

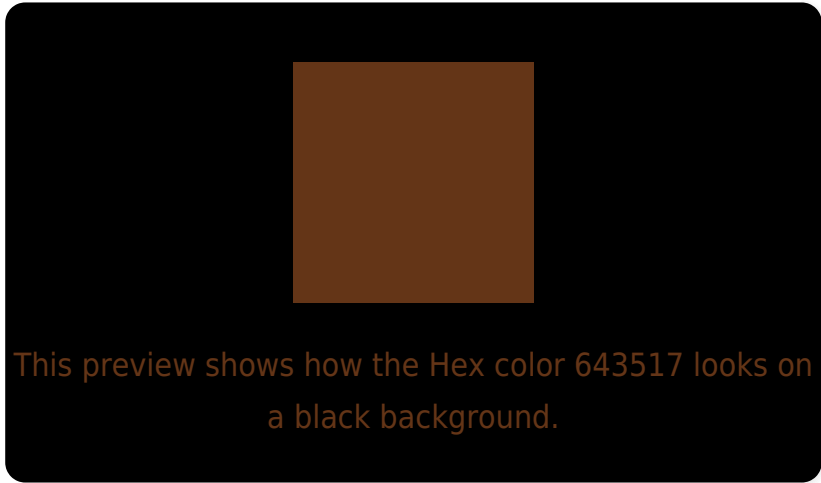
Large Text (above 18pt) WCAG AA ✓ Pass

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 643517 Background



This preview shows how black text looks on a background with the Hex color 643517.



This preview shows how white text looks on a background with the Hex color 643517.

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
643517

Protanopia
49421B

Deuteranopia
533F14



Tritanopia
653235

Trichromacy



Original Color
643517

Protanomaly
533D1A

Deuteranomaly
593B15

Tritanomaly
65332A

Monochromacy



Original Color
643517

Achromatopsia
404040

Achromatomaly
4D3C31

CSS Examples

Text

The CSS property to change the color of the text to Hex 643517 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 #643517 looks like.

```
.text, #text, p{  
    color:#643517  
}
```

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 #643517 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #643517
}
```

Border

The CSS property to change the border of an element to Hex 643517 is called "border". The border property can be set on classes, ids or directly on the HTML element.

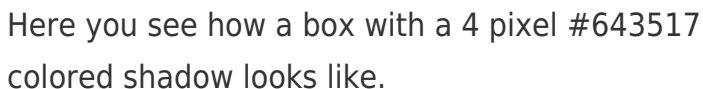
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#643517 }
```

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

```
.border{ border-color:#643517 }
```

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



Here you see how a box with a 4 pixel #643517 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #643517; -webkit-box-shadow:4px 4px  
4px 4px #643517; box-shadow:4px 4px 4px  
4px #643517 }
```

Background

The CSS property to change the background color of an element to Hex 643517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#643517 }
```

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

```
.background{ background-color:#643517 }
```

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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