

Converting Colors

Hex(643A00)

Have a look what the booklet for
Hex(643A00) contains.

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Color

Hex(643A00)

Conversions

Conversions Part 1

Format	Color
Hex	643A00
RGB	100, 58, 0
RGB Percent	39%, 23%, 0%
CMY	0.6078, 0.7725, 1.0000
CMYK	0.00, 0.42, 1.00, 0.61
HSL	35°, 100%, 20%
HSV	35°, 100%, 39%
XYZ	6.7686, 5.7354, 0.7503
YIQ	63.9460, 43.6500, -9.1340

Conversions

Conversions Part 2

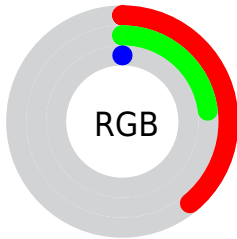
Format	Color
R_{YB}	72, 100, 0
Decimal	6568448
CIE _{Lab}	28.73, 14.42, 38.81
CIE _{LCh}	29, 41.405, 69.612
Yxy	5.7354, 0.5107, 0.4327
Android (android.graphics.Color)	4284758528 (0xFF643A00)
YUV	63.9460, -31.5254, 31.6194
Hunter-Lab	23.9488, 8.5387, 14.9066

Details

The Hex color **643A00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002A64**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **9B6931**, and **2F1000** is the 20% darker color. If you saturate the color by 10%, you get **643A00**, and if you desaturate by 10%, it is **643E0A**.

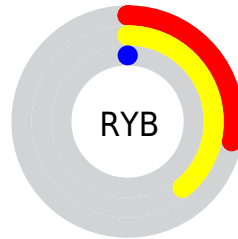
Distribution



Red (39%)

Green (23%)

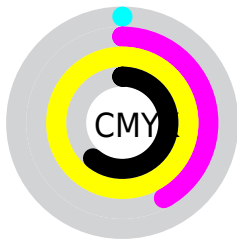
Blue (0%)



Red (28%)

Yellow (39%)

Blue (0%)

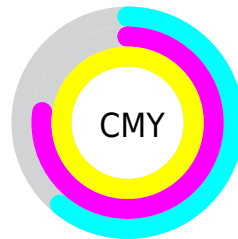


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (61%)



Cyan (61%)

Magenta (77%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 643A00 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 643A00 by changing the saturation by 10% instead.

 643A00

 643A00

 FFFFE9

 4A2400

 9B6931

 2F1000

 B88249

 140000

 D59D62

 000000

 F3B77B

 FFD395

 FFEFB0

 FFFFCC

 643A00

■ 643E0A

■ 644214

■ 64471E

■ 644B28

■ 644F32

■ 64533C

■ 645746

■ 645C50

■ 64605A

Harmonies

Analogous

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



762C1C



643A00



494600

Triad

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



643A00



00524D



523675

Complementary

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



643A00



002A64

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.



004483



643A00



00516C

Square

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



643A00



00512C



004D80



71275B

Rectangle

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



643A00



334B02



004D80



413B7C

Sweetspot

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



643A00



82725B



64002B



42382A



C2C2C2



424242

Same Dimension

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



643A00



824B00



5D6400



33312E



734300



F28D00

Inverse Universe

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



002A64



003782



070064



2E3033



003073



0066F2

Previews

White Background



This preview shows how the Hex color 643A00 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

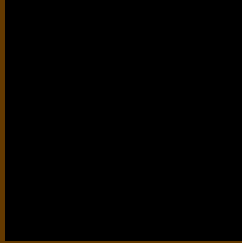
Any Text WCAG AA × Fail

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 643A00 Background



This preview shows how black text looks on a background with the Hex color 643A00.



This preview shows how white text looks on a background with the Hex color 643A00.

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
643A00

Protanopia
4D4508

Deuteranopia
574100



Tritanopia
66363A

Trichromacy



Original Color
643A00

Protanomaly
554105

Deuteranomaly
5C3E00

Tritanomaly
653725

Monochromacy



Original Color
643A00

Achromatopsia
404040

Achromatomaly
4D3E29

CSS Examples

Text

The CSS property to change the color of the text to Hex 643A00 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 #643A00 looks like.

```
.text, #text, p{  
    color:#643A00  
}
```

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 #643A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #643A00
}
```

Border

The CSS property to change the border of an element to Hex 643A00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

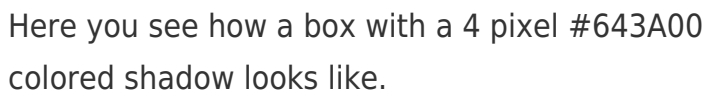
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#643A00 }
```

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

```
.border{ border-color:#643A00 }
```

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



Here you see how a box with a 4 pixel #643A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #643A00; -webkit-box-shadow:4px 4px  
4px 4px #643A00; box-shadow:4px 4px 4px  
4px #643A00 }
```

Background

The CSS property to change the background color of an element to Hex 643A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#643A00 }
```

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

```
.background{ background-color:#643A00 }
```

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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