

Converting Colors

Hex(643300)

Have a look what the booklet for
Hex(643300) contains.

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Color

Hex(643300)

Conversions

Conversions Part 1

Format	Color
Hex	643300
RGB	100, 51, 0
RGB Percent	39%, 20%, 0%
CMY	0.6078, 0.8000, 1.0000
CMYK	0.00, 0.49, 1.00, 0.61
HSL	31°, 100%, 20%
HSV	31°, 100%, 39%
XYZ	6.4394, 5.0770, 0.6406
YIQ	59.8370, 45.5750, -5.4730

Conversions

Conversions Part 2

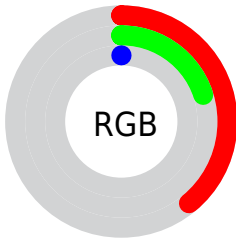
Format	Color
RYB	96, 100, 0
Decimal	6566656
CIELab	26.95, 18.69, 37.31
CIELCh	27, 41.728, 63.392
Yxy	5.0770, 0.5297, 0.4176
Android (android.graphics.Color)	4284756736 (0xFF643300)
YUV	59.8370, -29.4996, 35.2230
Hunter-Lab	22.5322, 11.5814, 14.0870

Details

The Hex color **643300** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **003164**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **9C6230**, and **2F0800** is the 20% darker color. If you saturate the color by 10%, you get **643300**, and if you desaturate by 10%, it is **64380A**.

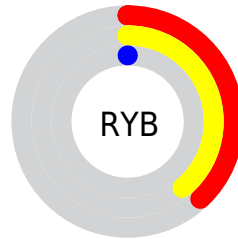
Distribution



Red (39%)

Green (20%)

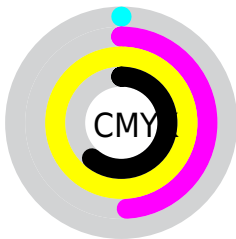
Blue (0%)



Red (38%)

Yellow (39%)

Blue (0%)

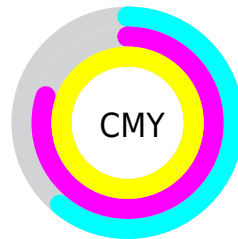


Cyan (0%)

Magenta (49%)

Yellow (100%)

Black (61%)



Cyan (61%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 643300 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 643300 by changing the saturation by 10% instead.

 643300

 643300

 FFFFE7

 491D00

 9C6230

 2F0800

 B87B48

 0E0000

 D69560

 000000

 F3B07A

 FFCB94

 FFE7AF

 FFFFCA

 643300

■ 64380A

■ 643D14

■ 64421E

■ 644728

■ 644C32

■ 64503C

■ 645546

■ 645A50

■ 645F5A

Harmonies

Analogous

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



74241E



643300



4B3F00

Triad

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



643300



004E43



433575

Complementary

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



643300



003164

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.



004380



643300



004E62

Square

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



643300



004C21



004A79



68255D

Rectangle

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



643300



364500



004A79



2F3A7B

Sweetspot

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



643300



826F5B



640032



42372A



C2C2C2



424242

Same Dimension

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



643300



824200



646400



33312E



733B00



F27C00

Inverse Universe

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



003164



004082



000064



2E3033



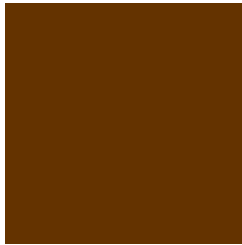
003873



0077F2

Previews

White Background



This preview shows how the Hex color 643300 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

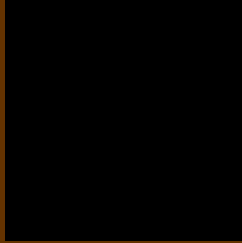
Any Text WCAG AA × Fail

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 643300 Background



This preview shows how black text looks on a background with the Hex color 643300.



This preview shows how white text looks on a background with the Hex color 643300.

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
643300

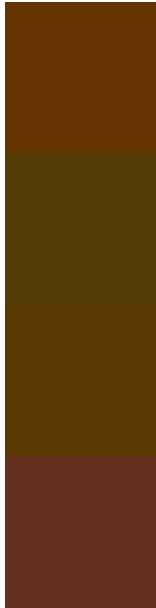
Protanopia
494109

Deuteranopia
523D00



Tritanopia
662F33

Trichromacy



Original Color
643300

Protanomaly
533C06

Deuteranomaly
593900

Tritanomaly
653020

Monochromacy



Original Color
643300

Achromatopsia
3C3C3C

Achromatomaly
4B3926

CSS Examples

Text

The CSS property to change the color of the text to Hex 643300 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 #643300 looks like.

```
.text, #text, p{  
    color:#643300  
}
```

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 #643300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #643300
}
```

Border

The CSS property to change the border of an element to Hex 643300 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".

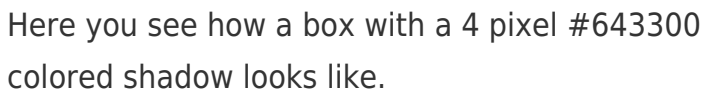
```
.border, #border, table{ border:4px solid
#643300 }
```

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

```
.border{ border-color:#643300 }
```

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

Here you see how a box with a 4 pixel #643300 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #643300; -webkit-box-shadow:4px 4px  
4px 4px #643300; box-shadow:4px 4px 4px  
4px #643300 }
```

Background

The CSS property to change the background color of an element to Hex 643300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#643300 }
```

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

```
.background{ background-color:#643300 }
```

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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