

Converting Colors

Hex(633A00)

Have a look what the booklet for
Hex(633A00) contains.

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Color

Hex(633A00)

Conversions

Conversions Part 1

Format	Color
Hex	633A00
RGB	99, 58, 0
RGB Percent	39%, 23%, 0%
CMY	0.6118, 0.7725, 1.0000
CMYK	0.00, 0.41, 1.00, 0.61
HSL	35°, 100%, 19%
HSV	35°, 100%, 39%
XYZ	6.6586, 5.6788, 0.7452
YIQ	63.6470, 43.0540, -9.3460

Conversions

Conversions Part 2

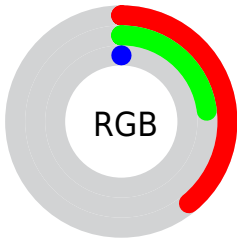
Format	Color
R_{YB}	70, 99, 0
Decimal	6502912
CIE Lab	28.59, 13.93, 38.63
CIE LCh	29, 41.066, 70.166
Yxy	5.6788, 0.5090, 0.4341
Android (android.graphics.Color)	4284692992 (0xFF633A00)
YUV	63.6470, -31.3780, 31.0046
Hunter-Lab	23.8302, 8.1739, 14.8271

Details

The Hex color **633A00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002963**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **9A6931**, and **2E1000** is the 20% darker color. If you saturate the color by 10%, you get **633A00**, and if you desaturate by 10%, it is **633E0A**.

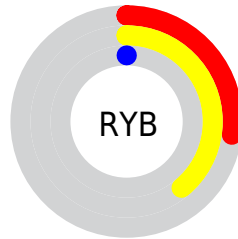
Distribution



Red (39%)

Green (23%)

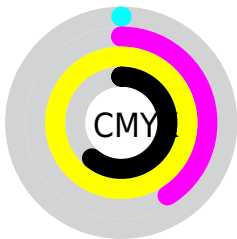
Blue (0%)



Red (27%)

Yellow (39%)

Blue (0%)

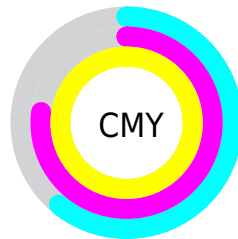


Cyan (0%)

Magenta (41%)

Yellow (100%)

Black (61%)



Cyan (61%)

Magenta (77%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 633A00 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 633A00 by changing the saturation by 10% instead.

 633A00

 633A00

 FFFFE9

 492400

 9A6931

 2E1000

 B78249

 120000

 D49C62

 000000

 F1B77B

 FFD395

 FFEFB0

 FFFFCC

 633A00

■ 633E0A

■ 634214

■ 63461E

■ 634A28

■ 634F32

■ 63533B

■ 635745

■ 635B4F

■ 635F59

Harmonies

Analogous

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



752C1C



633A00



484500

Triad

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



633A00



00524E



523674

Complementary

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



633A00



002963

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



633A00



00516C

Square

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



633A00



00512D



004D7F



71275A

Rectangle

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



633A00



324B02



004D7F



423B7B

Sweetspot

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



633A00



807059



630029



403629



BFBFBF



404040

Same Dimension

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



633A00



804B00



5B6300



302E2C



704200



F08C00

Inverse Universe

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



002963



003580



080063



2C2E30



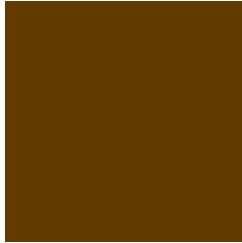
002E70



0063F0

Previews

White Background



This preview shows how the Hex color 633A00 looks on a white background.

Color Contrast Check

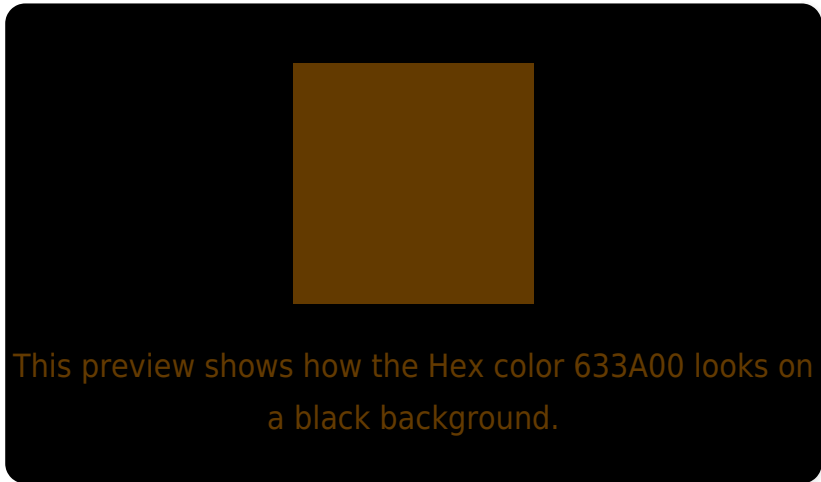
Large Text (above 18pt) WCAG AA ✓ Pass

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

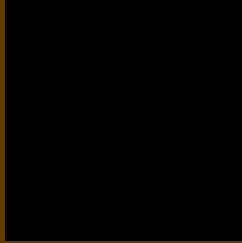
Any Text WCAG AA × Fail

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 633A00 Background



This preview shows how black text looks on a background with the Hex color 633A00.



This preview shows how white text looks on a background with the Hex color 633A00.

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
633A00

Protanopia
4D4408

Deuteranopia
564100



Tritanopia
65363A

Trichromacy



Original Color
633A00

Protanomaly
554005

Deuteranomaly
5B3E00

Tritanomaly
643725

Monochromacy



Original Color
633A00

Achromatopsia
404040

Achromatomaly
4D3E29

CSS Examples

Text

The CSS property to change the color of the text to Hex 633A00 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 #633A00 looks like.

```
.text, #text, p{  
    color:#633A00  
}
```

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 #633A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #633A00
}
```

Border

The CSS property to change the border of an element to Hex 633A00 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
#633A00 }
```

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

```
.border{ border-color:#633A00 }
```

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

Here you see how a box with a 4 pixel #633A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #633A00; -webkit-box-shadow:4px 4px  
4px 4px #633A00; box-shadow:4px 4px 4px  
4px #633A00 }
```

Background

The CSS property to change the background color of an element to Hex 633A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#633A00 }
```

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

```
.background{ background-color:#633A00 }
```

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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