

Converting Colors

Hex(663B00)

Have a look what the booklet for
Hex(663B00) contains.

Hex(663B00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(663B00)

Conversions

Conversions Part 1

Format	Color
Hex	663B00
RGB	102, 59, 0
RGB Percent	40%, 23%, 0%
CMY	0.6000, 0.7686, 1.0000
CMYK	0.00, 0.42, 1.00, 0.60
HSL	35°, 100%, 20%
HSV	35°, 100%, 40%
XYZ	7.0435, 5.9527, 0.7778
YIQ	65.1310, 44.5670, -9.2330

Conversions

Conversions Part 2

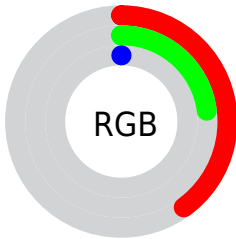
Format	Color
RYB	74, 102, 0
Decimal	6699776
CIELab	29.29, 14.79, 39.38
CIElCh	29, 42.065, 69.418
Yxy	5.9527, 0.5114, 0.4322
Android (android.graphics.Color)	4284889856 (0xFF663B00)
YUV	65.1310, -32.1096, 32.3341
Hunter-Lab	24.3982, 8.8340, 15.1887

Details

The Hex color **663B00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002B66**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **9E6A31**, and **311100** is the 20% darker color. If you saturate the color by 10%, you get **663B00**, and if you desaturate by 10%, it is **663F0A**.

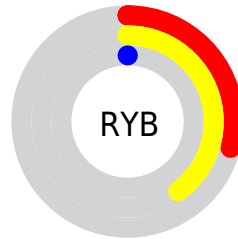
Distribution



Red (40%)

Green (23%)

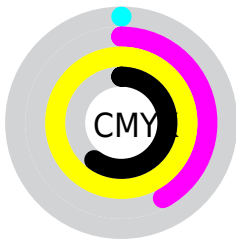
Blue (0%)



Red (29%)

Yellow (40%)

Blue (0%)

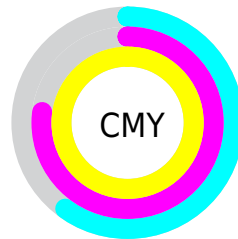


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (60%)



Cyan (60%)

Magenta (77%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 663B00 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 663B00 by changing the saturation by 10% instead.

 663B00

 663B00

 FFFFE9

 4B2500

 9E6A31

 311100

 BA8449

 180001

 D79E62

 000000

 F5B97C

 FFD496

 FFF1B1

 FFFFCD

 663B00

■ 663F0A

■ 664414

■ 66481F

■ 664C29

■ 665133

■ 66553D

■ 665947

■ 665D52

■ 66625C

Harmonies

Analogous

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



792C1D



663B00



4B4700

Triad

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



663B00



00544F



533778

Complementary

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



663B00



002B66

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.



004686



663B00



00536E

Square

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



663B00



00522D



004F82



73285D

Rectangle

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



663B00



344C01



004F82



423D7E

Sweetspot

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



663B00



85745D



66002C



42382A



C2C2C2



424242

Same Dimension

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



663B00



854D00



5F6600



33312E



734200



F28C00

Inverse Universe

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



002B66



003885



070066



2E3033



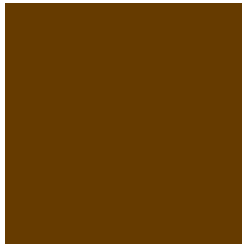
003073



0066F2

Previews

White Background



This preview shows how the Hex color 663B00 looks on a white background.

Color Contrast Check

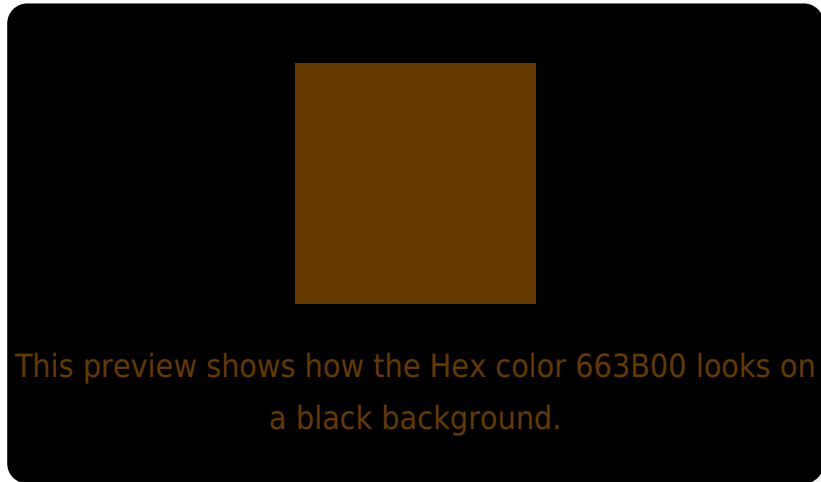
Large Text (above 18pt) WCAG AA ✓ Pass

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

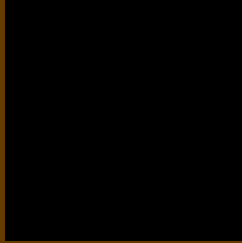
Any Text WCAG AA × Fail

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 663B00 Background



This preview shows how black text looks on a background with the Hex color 663B00.



This preview shows how white text looks on a background with the Hex color 663B00.

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
663B00

Protanopia
4F4608

Deuteranopia
584200



Tritanopia
68373B

Trichromacy



Original Color
663B00

Protanomaly
574205

Deuteranomaly
5D3F00

Tritanomaly
673826

Monochromacy



Original Color
663B00

Achromatopsia
414141

Achromatomaly
4E3F29

CSS Examples

Text

The CSS property to change the color of the text to Hex 663B00 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 #663B00 looks like.

```
.text, #text, p{  
    color:#663B00  
}
```

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 #663B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663B00
}
```

Border

The CSS property to change the border of an element to Hex 663B00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

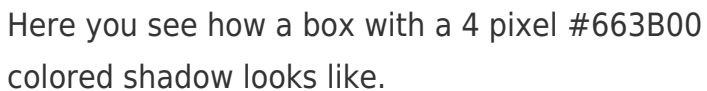
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#663B00 }
```

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

```
.border{ border-color:#663B00 }
```

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



Here you see how a box with a 4 pixel #663B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663B00; -webkit-box-shadow:4px 4px  
4px 4px #663B00; box-shadow:4px 4px 4px  
4px #663B00 }
```

Background

The CSS property to change the background color of an element to Hex 663B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663B00 }
```

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

```
.background{ background-color:#663B00 }
```

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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