

Converting Colors

Hex(663E00)

Have a look what the booklet for
Hex(663E00) contains.

Hex(663E00)	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(663E00)

Conversions

Conversions Part 1

Format	Color
Hex	663E00
RGB	102, 62, 0
RGB Percent	40%, 24%, 0%
CMY	0.6000, 0.7569, 1.0000
CMYK	0.00, 0.39, 1.00, 0.60
HSL	36°, 100%, 20%
HSV	36°, 100%, 40%
XYZ	7.2021, 6.2700, 0.8306
YIQ	66.8920, 43.7420, -10.8020

Conversions

Conversions Part 2

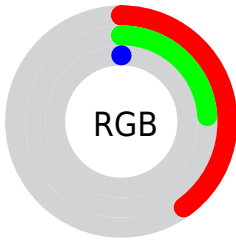
Format	Color
RYB	66, 102, 0
Decimal	6700544
CIELab	30.08, 12.94, 39.99
CIELCh	30, 42.030, 72.063
Yxy	6.2700, 0.5035, 0.4384
Android (android.graphics.Color)	4284890624 (0xFF663E00)
YUV	66.8920, -32.9778, 30.7897
Hunter-Lab	25.0400, 7.5208, 15.5612

Details

The Hex color **663E00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002866**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **9D6E32**, and **311400** is the 20% darker color. If you saturate the color by 10%, you get **663E00**, and if you desaturate by 10%, it is **66420A**.

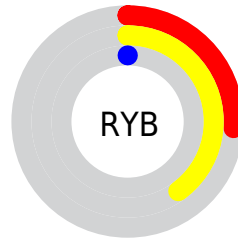
Distribution



Red (40%)

Green (24%)

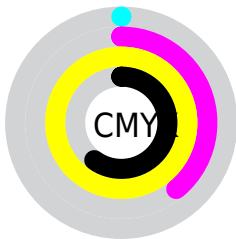
Blue (0%)



Red (26%)

Yellow (40%)

Blue (0%)

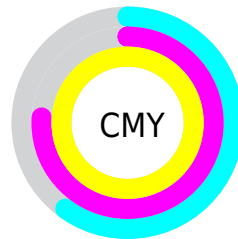


Cyan (0%)

Magenta (39%)

Yellow (100%)

Black (60%)



Cyan (60%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 663E00 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 663E00 by changing the saturation by 10% instead.


 663E00

 663E00

 FFFFEA

 4C2800

 9D6E32

 311400

 BA874A

 1A0001

 D7A163

 000000

 F5BC7C

 FFD897

 FFF4B2

 FFFFCE

 663E00

■ 66420A

■ 664614

■ 664A1F

■ 664E29

■ 665233

■ 66563D

■ 665A47

■ 665E52

■ 66625C

Harmonies

Analogous

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



7A2F1C



663E00



4A4900

Triad

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



663E00



005654



593878

Complementary

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



663E00



002866

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.



0F4687



663E00



005572

Square

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



663E00



005531



005085



77295C

Rectangle

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



663E00



334F05



005085



493D7F

Sweetspot

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



663E00



85755D



660029



42392A



C2C2C2



424242

Same Dimension

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



663E00



855100



5C6600



33312E



734600



F29300

Inverse Universe

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



002866



003485



0A0066



2E3033



002D73



005FF2

Previews

White Background



This preview shows how the Hex color 663E00 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 663E00 Background



This preview shows how black text looks on a background with the Hex color 663E00.



This preview shows how white text looks on a background with the Hex color 663E00.

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
663E00

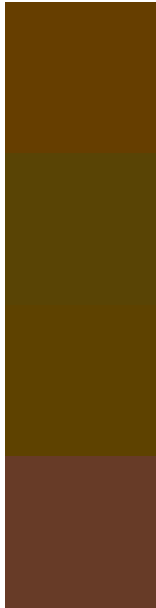
Protanopia
514808

Deuteranopia
5A4400



Tritanopia
683A3E

Trichromacy



Original Color
663E00

Protanomaly
594405

Deuteranomaly
5E4200

Tritanomaly
673B27

Monochromacy



Original Color
663E00

Achromatopsia
434343

Achromatomaly
50412B

CSS Examples

Text

The CSS property to change the color of the text to Hex 663E00 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 #663E00 looks like.

```
.text, #text, p{  
    color:#663E00  
}
```

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 #663E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663E00
}
```

Border

The CSS property to change the border of an element to Hex 663E00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

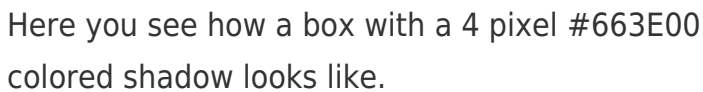
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#663E00 }
```

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

```
.border{ border-color:#663E00 }
```

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



Here you see how a box with a 4 pixel #663E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663E00; -webkit-box-shadow:4px 4px  
4px 4px #663E00; box-shadow:4px 4px 4px  
4px #663E00 }
```

Background

The CSS property to change the background color of an element to Hex 663E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663E00 }
```

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

```
.background{ background-color:#663E00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor