

Converting Colors

Hex(663100)

Have a look what the booklet for
Hex(663100) contains.

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Color

Hex(663100)

Conversions

Conversions Part 1

Format	Color
Hex	663100
RGB	102, 49, 0
RGB Percent	40%, 19%, 0%
CMY	0.6000, 0.8078, 1.0000
CMYK	0.00, 0.52, 1.00, 0.60
HSL	29°, 100%, 20%
HSV	29°, 100%, 40%
XYZ	6.5778, 5.0214, 0.6225
YIQ	59.2610, 47.3170, -4.0030

Conversions

Conversions Part 2

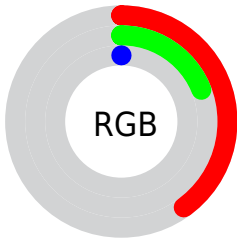
Format	Color
R_YB	102, 94, 0
Decimal	6697216
CIE Lab	26.80, 20.82, 37.29
CIE LCh	27, 42.712, 60.830
Yxy	5.0214, 0.5382, 0.4109
Android (android.graphics.Color)	4284887296 (0xFF663100)
YUV	59.2610, -29.2157, 37.4821
Hunter-Lab	22.4085, 13.1821, 14.0388

Details

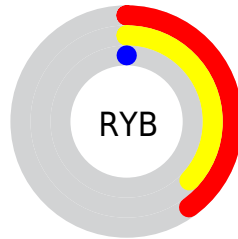
The Hex color **663100** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **003566**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **9E6030**, and **300600** is the 20% darker color. If you saturate the color by 10%, you get **663100**, and if you desaturate by 10%, it is **66360A**.

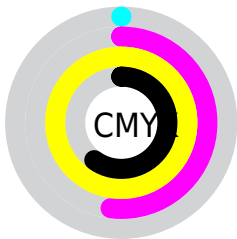
Distribution



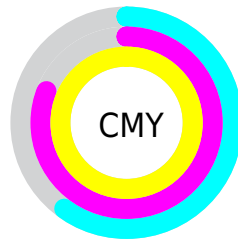
- Red (40%)
- Green (19%)
- Blue (0%)



- Red (40%)
- Yellow (37%)
- Blue (0%)



- Cyan (0%)
- Magenta (52%)
- Yellow (100%)
- Black (60%)



- Cyan (60%)
- Magenta (81%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 663100 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 663100 by changing the saturation by 10% instead.

 663100

 663100

 FFFFE7

 4B1B00

 9E6030

 300600

 BB7948

 110000

 D89360

 000000

 F6AE79

 FFC994

 FFE5AF

 FFFFCA

 663100

■ 66360A

■ 663C14

■ 66411F

■ 664629

■ 664C33

■ 66513D

■ 665647

■ 665B52

■ 66615C

Harmonies

Analogous

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



762120



663100



4D3E00

Triad

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



663100



004E3F



3E3678

Complementary

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



663100



003566

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.



004381



663100



004E60

Square

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



663100



004C1D



004B78



662560

Rectangle

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



663100



384400



004B78



263B7D

Sweetspot

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



663100



85705D



660036



42362A



C2C2C2



424242

Same Dimension

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



663100



854000



666300



33302E



733700



F27400

Inverse Universe

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



003566



004585



000366



2E3133



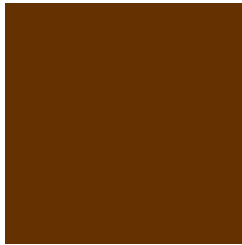
003C73



007EF2

Previews

White Background



This preview shows how the Hex color 663100 looks on a white background.

Color Contrast Check

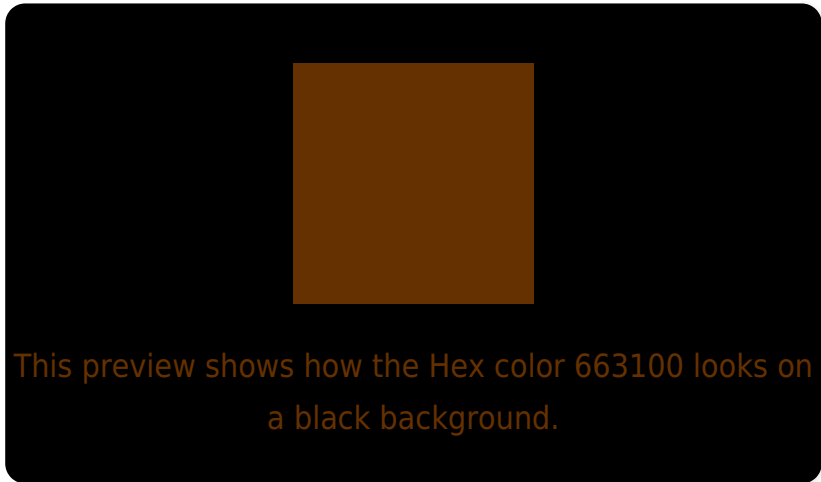
Large Text (above 18pt) WCAG AA ✓ Pass

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

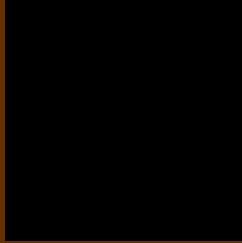
Any Text WCAG AA × Fail

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 663100 Background



This preview shows how black text looks on a background with the Hex color 663100.



This preview shows how white text looks on a background with the Hex color 663100.

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
663100

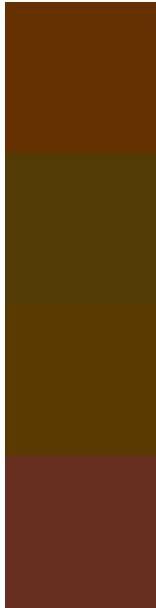
Protanopia
484009

Deuteranopia
513D00



Tritanopia
672E31

Trichromacy



Original Color
663100

Protanomaly
533B06

Deuteranomaly
593900

Tritanomaly
672F1F

Monochromacy



Original Color
663100

Achromatopsia
3B3B3B

Achromatomaly
4B3726

CSS Examples

Text

The CSS property to change the color of the text to Hex 663100 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 #663100 looks like.

```
.text, #text, p{  
    color:#663100  
}
```

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 #663100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663100
}
```

Border

The CSS property to change the border of an element to Hex 663100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

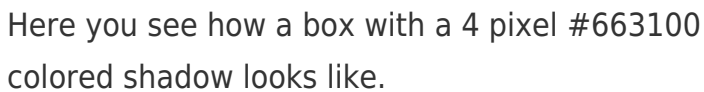
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#663100 }
```

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

```
.border{ border-color:#663100 }
```

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



Here you see how a box with a 4 pixel #663100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663100; -webkit-box-shadow:4px 4px  
4px 4px #663100; box-shadow:4px 4px 4px  
4px #663100 }
```

Background

The CSS property to change the background color of an element to Hex 663100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663100 }
```

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

```
.background{ background-color:#663100 }
```

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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