

# Converting Colors

Hex(663E30)

Have a look what the booklet for  
Hex(663E30) contains.

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# Color

**Hex(663E30)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	663E30
RGB	102, 62, 48
RGB Percent	40%, 24%, 19%
CMY	0.6000, 0.7569, 0.8118
CMYK	0.00, 0.39, 0.53, 0.60
HSL	16°, 36%, 29%
HSV	16°, 53%, 40%
XYZ	7.7356, 6.4834, 3.6400
YIQ	72.3640, 28.3340, 4.1260

# Conversions

## Conversions Part 2

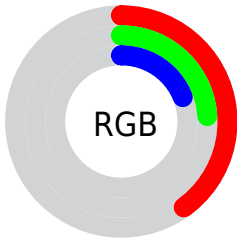
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 67, 48
Decimal	6700592
CIE Lab	30.60, 15.82, 15.92
CIE LCh	31, 22.439, 45.183
Yxy	6.4834, 0.4331, 0.3630
Android (android.graphics.Color)	4284890672 (0xFF663E30)
YUV	72.3640, -12.0115, 25.9908
Hunter-Lab	25.4626, 9.6694, 9.3480

# Details

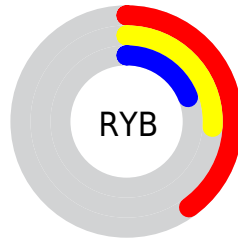
The Hex color **663E30** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **305866**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **9B6E5E**, and **351301** is the 20% darker color. If you saturate the color by 10%, you get **663626**, and if you desaturate by 10%, it is **66463A**.

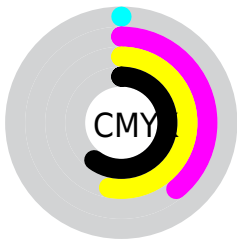
# Distribution



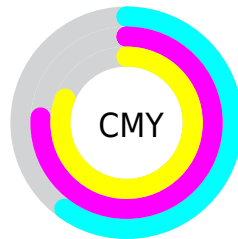
- Red (40%)
- Green (24%)
- Blue (19%)



- Red (40%)
- Yellow (26%)
- Blue (19%)



- Cyan (0%)
- Magenta (39%)
- Yellow (53%)
- Black (60%)



- Cyan (60%)
- Magenta (76%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 663E30 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 663E30 by changing the saturation by 10% instead.



 663E30

 663E30

FFFFFF

 4D281B

 9B6E5E

 351301

 B78777

 1F0000

 D3A291

 000000

 F0BDAB

 FFD9C6

 FFF5E3

 663E30

 663E30

 663626

 66463A

■ 662F1C

■ 664D44

■ 662711

■ 66554F

■ 662007

■ 665C59

■ 661A00

■ 666463

■ 666B6D

■ 667377

■ 667A82

■ 66828C

# Harmonies

## Analogous

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



6A3A40



663E30



5B4426

# Triad

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



663E30



1F513F



3D476A

# Complementary

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



663E30



305866

# 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.



1C4C6A



663E30



005151

# Square

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



663E30



374E2F



005060



554061

# Rectangle

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



663E30



504825



005060



33496B



# Sweetspot

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



663E30



85756F



663059



423936



C2C2C2



424242



# Same Dimension

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



663E30



854630



665930



332F2E



731E00



F23F00



# Inverse Universe

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



305866



306F85



303E66



2E3233



005573



00B3F2



# Previews

## White Background



This preview shows how the Hex color 663E30 looks on a white background.

## Color Contrast Check

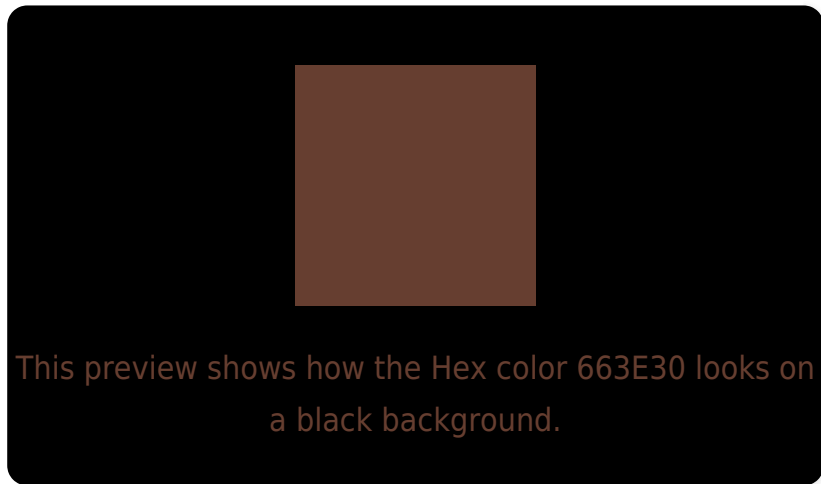
Large Text (above 18pt) WCAG AA ✓ Pass

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 663E30 Background



This preview shows how black text looks on a background with the Hex color 663E30.

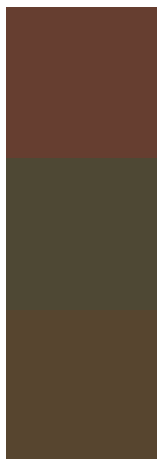


This preview shows how white text looks on a background with the Hex color 663E30.

# 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**  
663E30

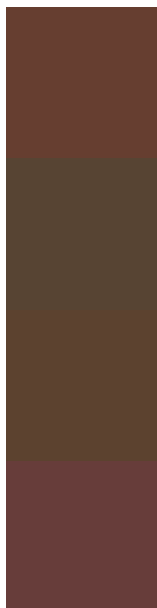
**Protanopia**  
4E4834

**Deuteranopia**  
57452F



**Tritanopia**  
673C40

# Trichromacy



**Original Color**

663E30

**Protanomaly**

574433

**Deuteranomaly**

5C422F

**Tritanomaly**

673D3A

# Monochromacy



**Original Color**

663E30

**Achromatopsia**

484848

**Achromatomaly**

53443F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 663E30 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 #663E30 looks like.

```
.text, #text, p{  
    color:#663E30  
}
```

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 #663E30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663E30
}
```

## Border

The CSS property to change the border of an element to Hex 663E30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

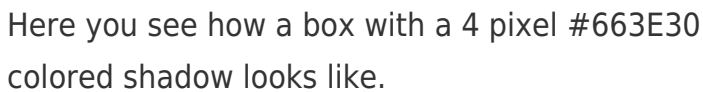
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#663E30 }
```

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

```
.border{ border-color:#663E30 }
```

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



Here you see how a box with a 4 pixel #663E30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663E30; -webkit-box-shadow:4px 4px  
4px 4px #663E30; box-shadow:4px 4px 4px  
4px #663E30 }
```

# Background

The CSS property to change the background color of an element to Hex 663E30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663E30 }
```

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

```
.background{ background-color:#663E30 }
```

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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