

# Converting Colors

Hex(663E32)

Have a look what the booklet for  
Hex(663E32) contains.

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# Color

**Hex(663E32)**

# Conversions

## Conversions Part 1

Format	Color
Hex	663E32
RGB	102, 62, 50
RGB Percent	40%, 24%, 20%
CMY	0.6000, 0.7569, 0.8039
CMYK	0.00, 0.39, 0.51, 0.60
HSL	14°, 34%, 30%
HSV	14°, 51%, 40%
XYZ	7.7778, 6.5003, 3.8624
YIQ	72.5920, 27.6920, 4.7480

# Conversions

## Conversions Part 2

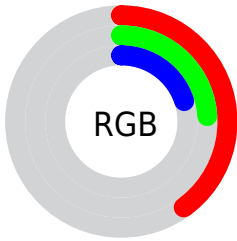
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 66, 50
Decimal	6700594
CIELab	30.64, 16.04, 14.70
CIElCh	31, 21.755, 42.514
Yxy	6.5003, 0.4288, 0.3583
Android (android.graphics.Color)	4284890674 (0xFF663E32)
YUV	72.5920, -11.1379, 25.7908
Hunter-Lab	25.4957, 9.8365, 8.8651

# Details

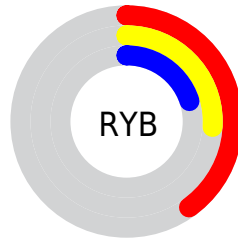
The Hex color **663E32** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **325A66**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **9B6E60**, and **351304** is the 20% darker color. If you saturate the color by 10%, you get **663628**, and if you desaturate by 10%, it is **66463C**.

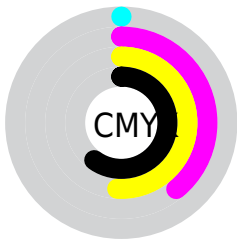
# Distribution



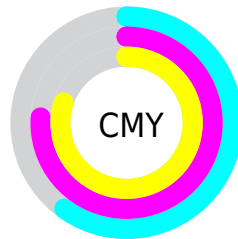
- Red (40%)
- Green (24%)
- Blue (20%)



- Red (40%)
- Yellow (26%)
- Blue (20%)



- Cyan (0%)
- Magenta (39%)
- Yellow (51%)
- Black (60%)



- Cyan (60%)
- Magenta (76%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 663E32 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 663E32 by changing the saturation by 10% instead.



 663E32

 663E32

FFFFFF

 4D281D

 9B6E60

 351304

 B78779

 1F0000

 D3A293

 000000

 F0BDAE

 FFD9C9

 FFF5E5

 663E32

 663E32

 663628

 66463C

■ 662E1E

■ 664E46

■ 662613

■ 665651

■ 661F09

■ 665D5B

■ 661800

■ 666565

■ 666D6F

■ 667579

■ 667D84

■ 66858E

# Harmonies

## Analogous

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



693B42



663E32



5C4428

# Triad

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



663E32



23503D



3B4769

# Complementary

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



663E32



325A66

# 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.



1B4D68



663E32



05514F

# Square

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



663E32



394E2E



00505F



534161

# Rectangle

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



663E32



524826



00505F



31496A



# Sweetspot

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



663E32



857571



66325B



423936



C2C2C2



424242



# Same Dimension

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



663E32



854634



665732



332F2E



731A00



F23800



# Inverse Universe

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



325A66



347285



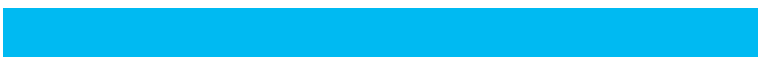
324166



2E3233



005873



00BAF2



# Previews

## White Background



This preview shows how the Hex color 663E32 looks on a white background.

## Color Contrast Check

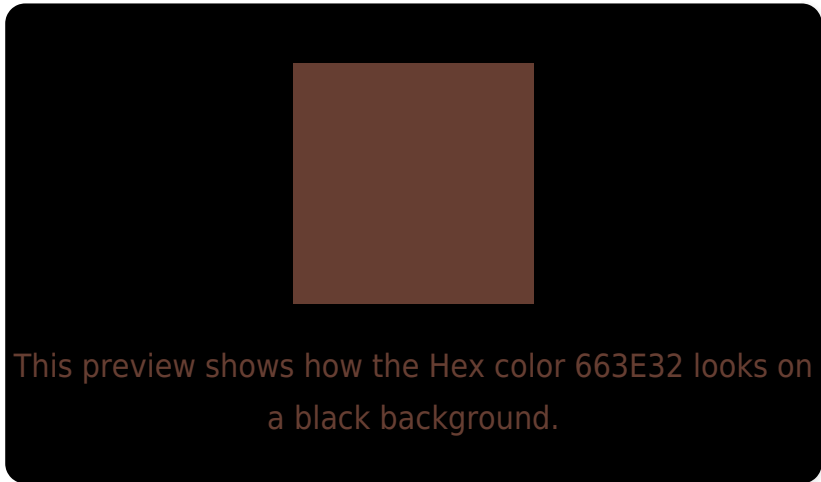
Large Text (above 18pt) WCAG AA ✓ Pass

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

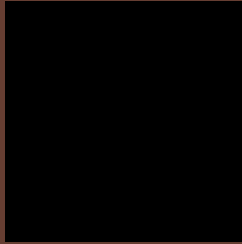
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 663E32 Background



This preview shows how black text looks on a background with the Hex color 663E32.

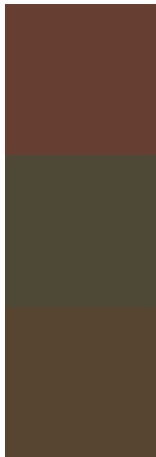


This preview shows how white text looks on a background with the Hex color 663E32.

# 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**  
663E32

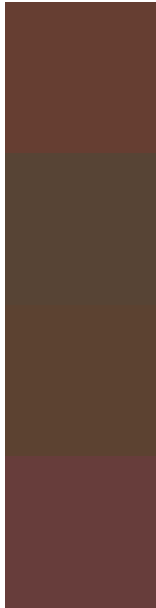
**Protanopia**  
4E4836

**Deuteranopia**  
574531



**Tritanopia**  
673C40

# Trichromacy



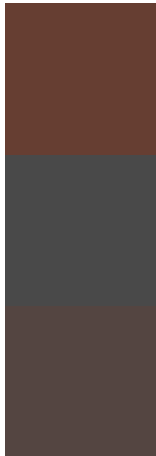
**Original Color**  
663E32

**Protanomaly**  
574435

**Deuteranomaly**  
5C4231

**Tritanomaly**  
673D3B

# Monochromacy



**Original Color**  
663E32

**Achromatopsia**  
494949

**Achromatomaly**  
544541

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 663E32 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 #663E32 looks like.

```
.text, #text, p{  
    color:#663E32  
}
```

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 #663E32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663E32
}
```

## Border

The CSS property to change the border of an element to Hex 663E32 is called "border". The border property can be set on classes, ids or directly on the HTML element.

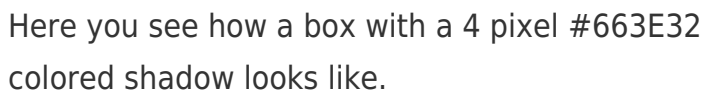
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#663E32 }
```

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

```
.border{ border-color:#663E32 }
```

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



Here you see how a box with a 4 pixel #663E32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663E32; -webkit-box-shadow:4px 4px  
4px 4px #663E32; box-shadow:4px 4px 4px  
4px #663E32 }
```

# Background

The CSS property to change the background color of an element to Hex 663E32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663E32 }
```

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

```
.background{ background-color:#663E32 }
```

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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