

Converting Colors

Hex(663835)

Have a look what the booklet for
Hex(663835) contains.

| | |
|--|----|
| Hex(663835) | 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(663835)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 663835 |
| RGB | 102, 56, 53 |
| RGB Percent | 40%, 22%, 21% |
| CMY | 0.6000, 0.7804, 0.7922 |
| CMYK | 0.00, 0.45, 0.48, 0.60 |
| HSL | 4°, 32%, 30% |
| HSV | 4°, 48%, 40% |
| XYZ | 7.5363, 5.9102, 4.1117 |
| YIQ | 69.4120, 28.3790, 8.8190 |

Conversions

Conversions Part 2

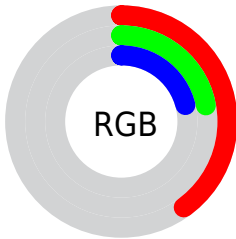
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 102, 56, 53 |
| Decimal | 6699061 |
| CIELab | 29.18, 20.04, 10.81 |
| CIELCh | 29, 22.770, 28.330 |
| Yxy | 5.9102, 0.4292, 0.3366 |
| Android (android.graphics.Color) | 4284889141 (0xFF663835) |
| YUV | 69.4120, -8.0911, 28.5797 |
| Hunter-Lab | 24.3108, 12.7903, 6.9898 |

Details

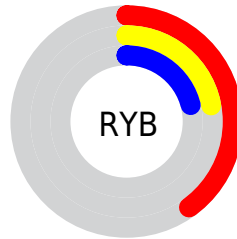
The Hex color **663835** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **356366**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **9B6864**, and **340C08** is the 20% darker color. If you saturate the color by 10%, you get **662E2B**, and if you desaturate by 10%, it is **66423F**.

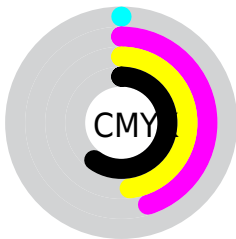
Distribution



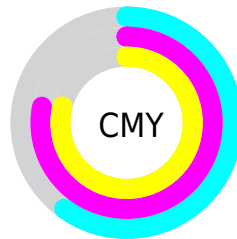
- Red (40%)
- Green (22%)
- Blue (21%)



- Red (40%)
- Yellow (22%)
- Blue (21%)



- Cyan (0%)
- Magenta (45%)
- Yellow (48%)
- Black (60%)



- Cyan (60%)
- Magenta (78%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 663835 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 663835 by changing the saturation by 10% instead.

 663835

 663835

FFFFFF

 4D2220

 9B6864

 340C08

 B7817C

 1E0001

 D39B96

 000000

 F0B6B1

 FFD2CC

 FFEED9

 663835

 663835

 662E2B

 66423F

■ 662521

■ 664B49

■ 661B16

■ 665554

■ 66120C

■ 665E5E

■ 660802

■ 666868

■ 660600

■ 667172

■ 667B7C

■ 668587

■ 668E91

Harmonies

Analogous

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



653746



663835



5F3D27

Triad

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



663835



294C32



274768

Complementary

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



663835



356366

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.



004B62



663835



0B4E43

Square

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



663835



3F4925



004E55



454164

Rectangle

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



663835



564122



004E55



1A4967

Sweetspot

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



663835



857372



663564



423837



C2C2C2



424242

Same Dimension

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



663835



853C38



665035



332E2E



730700



F20F00

Inverse Universe

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



356366



388085



354B66



2E3333



006C73



00E3F2

Previews

White Background



This preview shows how the Hex color 663835 looks on a white background.

Color Contrast Check

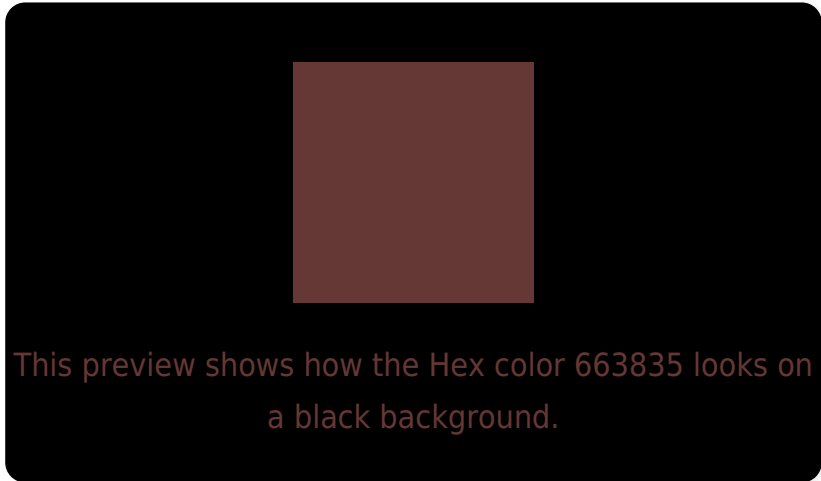
Large Text (above 18pt) WCAG AA ✓ Pass

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

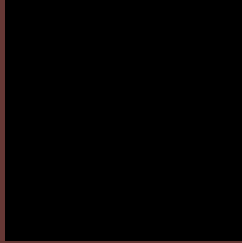
Any Text WCAG AA × Fail

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 663835 Background



This preview shows how black text looks on a background with the Hex color 663835.

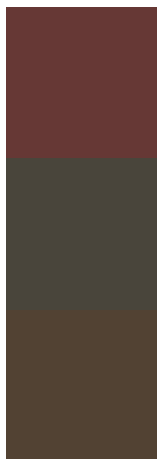


This preview shows how white text looks on a background with the Hex color 663835.

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
663835

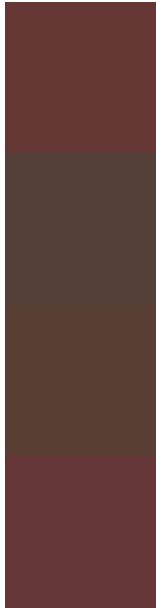
Protanopia
49453B

Deuteranopia
524233



Tritanopia
66373B

Trichromacy



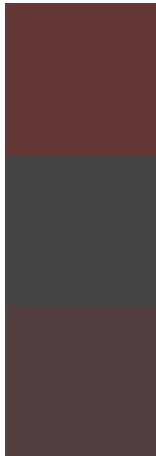
Original Color
663835

Protanomaly
544039

Deuteranomaly
593E34

Tritanomaly
663739

Monochromacy



Original Color
663835

Achromatopsia
454545

Achromatomaly
51403F

CSS Examples

Text

The CSS property to change the color of the text to Hex 663835 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 #663835 looks like.

```
.text, #text, p{  
    color:#663835  
}
```

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 #663835 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663835
}
```

Border

The CSS property to change the border of an element to Hex 663835 is called "border". The border property can be set on classes, ids or directly on the HTML element.

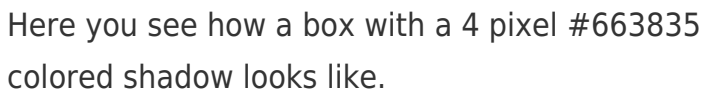
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#663835 }
```

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

```
.border{ border-color:#663835 }
```

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



Here you see how a box with a 4 pixel #663835 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663835; -webkit-box-shadow:4px 4px  
4px 4px #663835; box-shadow:4px 4px 4px  
4px #663835 }
```

Background

The CSS property to change the background color of an element to Hex 663835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663835 }
```

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

```
.background{ background-color:#663835 }
```

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