

# Converting Colors

Hex(663E3D)

Have a look what the booklet for  
Hex(663E3D) contains.

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# Color

Hex(663E3D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	663E3D
RGB	102, 62, 61
RGB Percent	40%, 24%, 24%
CMY	0.6000, 0.7569, 0.7608
CMYK	0.00, 0.39, 0.40, 0.60
HSL	1°, 25%, 32%
HSV	1°, 40%, 40%
XYZ	8.0444, 6.6070, 5.2662
YIQ	73.8460, 24.1610, 8.1690

# Conversions

## Conversions Part 2

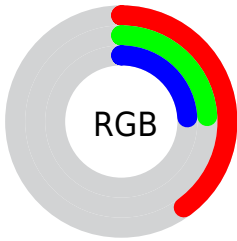
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 62, 61
Decimal	6700605
CIE <sub>Lab</sub>	30.89, 17.39, 7.98
CIE <sub>LCh</sub>	31, 19.139, 24.656
Yxy	6.6070, 0.4039, 0.3317
Android (android.graphics.Color)	4284890685 (0xFF663E3D)
YUV	73.8460, -6.3331, 24.6911
Hunter-Lab	25.7040, 10.8821, 5.8456

# Details

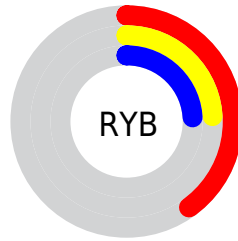
The Hex color **663E3D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3D6566**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **9A6E6C**, and **351213** is the 20% darker color. If you saturate the color by 10%, you get **663433**, and if you desaturate by 10%, it is **664847**.

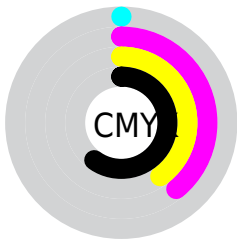
# Distribution



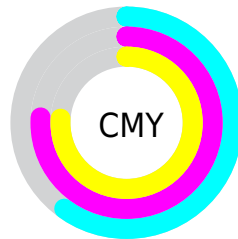
- Red (40%)
- Green (24%)
- Blue (24%)



- Red (40%)
- Yellow (24%)
- Blue (24%)



- Cyan (0%)
- Magenta (39%)
- Yellow (40%)
- Black (60%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 663E3D 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 663E3D by changing the saturation by 10% instead.



 663E3D

 663E3D

FFFFFF

 4D2827

 9A6E6C

 351213

 B68886

 210000

 D2A2A0

 000000

 EFBDBB

 FFD9D6

 FFF5F3

 663E3D

 663E3D

 663433

 664847

662A29

665251

66201E

665C5C

661614

666666

660C0A

667070

660200

667A7A

668484

668E8F

669899

# Harmonies

## Analogous

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



643D4C



663E3D



614231

# Triad

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



663E3D



354F37



2F4B66

# Complementary

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



663E3D



3D6566

# 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.



184F61



663E3D



225145

# Square

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



663E3D



464C2D



125155



474664

# Rectangle

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



663E3D



5A452C



125155



274C65



# Sweetspot

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



663E3D



857575



663D65



423939



C2C2C2



424242



# Same Dimension

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



663E3D



854745



66523D



332E2E



730300



F20600



# Inverse Universe

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



3D6566



458385



3D5166



2E3333



007073



00ECF2



# Previews

## White Background



This preview shows how the Hex color 663E3D looks on a white background.

## Color Contrast Check

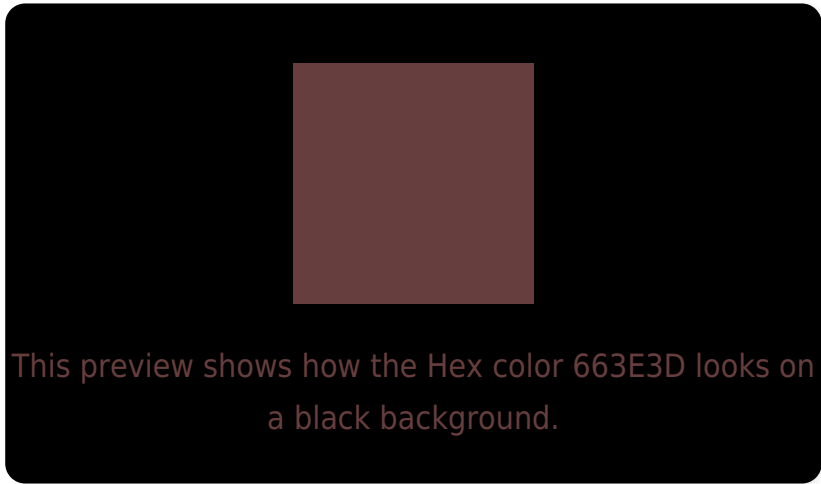
Large Text (above 18pt) WCAG AA ✓ Pass

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 663E3D Background



This preview shows how black text looks on a background with the Hex color 663E3D.



This preview shows how white text looks on a background with the Hex color 663E3D.

# 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**  
663E3D

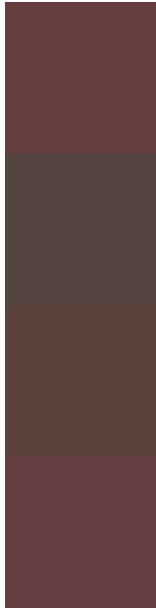
**Protanopia**  
4C4942

**Deuteranopia**  
55463C



**Tritanopia**  
663D42

# Trichromacy



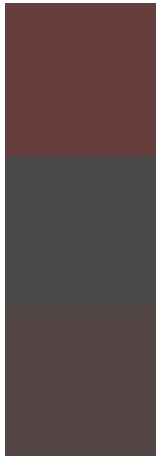
**Original Color**  
663E3D

**Protanomaly**  
554540

**Deuteranomaly**  
5B433C

**Tritanomaly**  
663D40

# Monochromacy



**Original Color**  
663E3D

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
544645

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 663E3D 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 #663E3D looks like.

```
.text, #text, p{  
    color:#663E3D  
}
```

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 #663E3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663E3D
}
```

## Border

The CSS property to change the border of an element to Hex 663E3D is called "border". The border property can be set on classes, ids or directly on the HTML element.

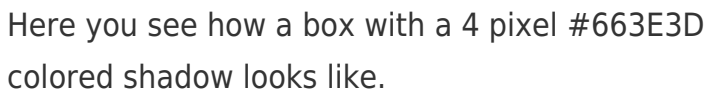
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#663E3D }
```

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

```
.border{ border-color:#663E3D }
```

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



Here you see how a box with a 4 pixel #663E3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663E3D; -webkit-box-shadow:4px 4px  
4px 4px #663E3D; box-shadow:4px 4px 4px  
4px #663E3D }
```

# Background

The CSS property to change the background color of an element to Hex 663E3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663E3D }
```

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

```
.background{ background-color:#663E3D }
```

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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