

Converting Colors

Hex(663E22)

Have a look what the booklet for
Hex(663E22) contains.

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Color

Hex(663E22)

Conversions

Conversions Part 1

Format	Color
Hex	663E22
RGB	102, 62, 34
RGB Percent	40%, 24%, 13%
CMY	0.6000, 0.7569, 0.8667
CMYK	0.00, 0.39, 0.67, 0.60
HSL	25°, 50%, 27%
HSV	25°, 67%, 40%
XYZ	7.4908, 6.3855, 2.3511
YIQ	70.7680, 32.8280, -0.2280

Conversions

Conversions Part 2

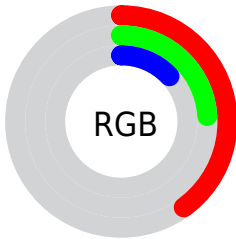
Format	Color
R_{YB}	102, 82, 34
Decimal	6700578
CIE _{Lab}	30.36, 14.52, 24.25
CIE _{LCh}	30, 28.263, 59.080
Yxy	6.3855, 0.4616, 0.3935
Android (android.graphics.Color)	4284890658 (0xFF663E22)
YUV	70.7680, -18.1266, 27.3905
Hunter-Lab	25.2696, 8.6923, 12.1724

Details

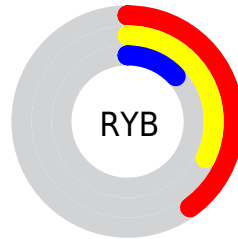
The Hex color **663E22** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **224A66**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **9C6E4F**, and **341300** is the 20% darker color. If you saturate the color by 10%, you get **663818**, and if you desaturate by 10%, it is **66442C**.

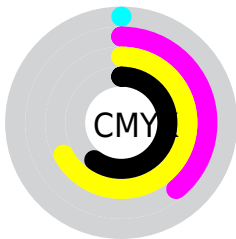
Distribution



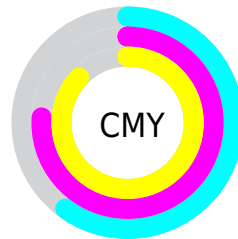
- Red (40%)
- Green (24%)
- Blue (13%)



- Red (40%)
- Yellow (32%)
- Blue (13%)



- Cyan (0%)
- Magenta (39%)
- Yellow (67%)
- Black (60%)



- Cyan (60%)
- Magenta (76%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 663E22 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 663E22 by changing the saturation by 10% instead.

 663E22

 663E22

FFFFFF

 4C280D

 9C6E4F

 341300

 B88768

 1D0000

 D4A181

 000000

 F1BD9B

 FFD8B6

 FFF5D2

 FFFFEE

 663E22

 663E22

■ 663818

■ 66442C

■ 66320E

■ 664A36

■ 662C03

■ 665041

■ 662A00

■ 66564B

■ 665C55

■ 66625F

■ 666869

■ 666E74

■ 66747E

Harmonies

Analogous

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



703733



663E22



55461A

Triad

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



663E22



005246



48426E

Complementary

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



663E22



224A66

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.



1B4A73



663E22



00525C

Square

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



663E22



225130



00506D



623A5E

Rectangle

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



663E22



474B1C



00506D



3C4571

Sweetspot

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



663E22



85756A



66224B



423932



C2C2C2



424242

Same Dimension

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



663E22



85461B



665F22



33302E



732F00



F26400

Inverse Universe

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



224A66



1B5985



222966



2E3133



004473



008FF2

Previews

White Background



This preview shows how the Hex color 663E22 looks on a white background.

Color Contrast Check

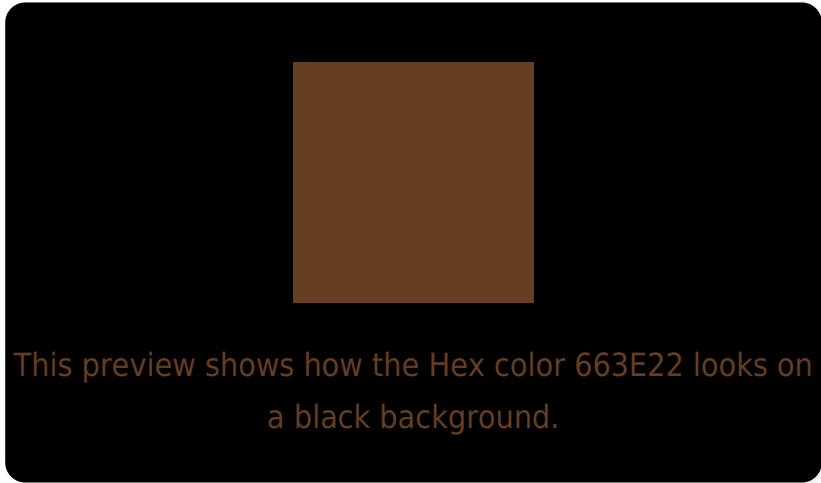
Large Text (above 18pt) WCAG AA ✓ Pass

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

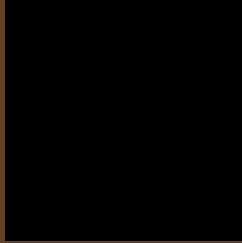
Any Text WCAG AA × Fail

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 663E22 Background



This preview shows how black text looks on a background with the Hex color 663E22.

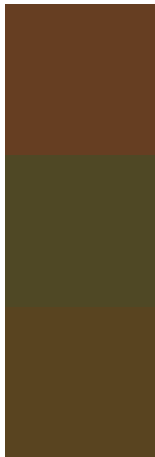


This preview shows how white text looks on a background with the Hex color 663E22.

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](#).

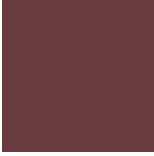
Dichromacy



Original Color
663E22

Protanopia
4F4825

Deuteranopia
594420



Tritanopia
683B3F

Trichromacy



Original Color
663E22

Protanomaly
574424

Deuteranomaly
5E4221

Tritanomaly
673C34

Monochromacy



Original Color
663E22

Achromatopsia
474747

Achromatomaly
52443A

CSS Examples

Text

The CSS property to change the color of the text to Hex 663E22 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 #663E22 looks like.

```
.text, #text, p{  
    color:#663E22  
}
```

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 #663E22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663E22 }  
}
```

Border

The CSS property to change the border of an element to Hex 663E22 is called "border". The border property can be set on classes, ids or directly on the HTML element.

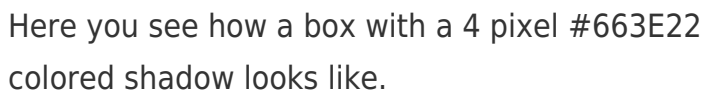
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #663E22 }  
}
```

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

```
.border{ border-color:#663E22 }
```

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



Here you see how a box with a 4 pixel #663E22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663E22; -webkit-box-shadow:4px 4px  
4px 4px #663E22; box-shadow:4px 4px 4px  
4px #663E22 }
```

Background

The CSS property to change the background color of an element to Hex 663E22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663E22 }
```

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

```
.background{ background-color:#663E22 }
```

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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