

Converting Colors

Hex(663B3B)

Have a look what the booklet for
Hex(663B3B) contains.

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Color

Hex(663B3B)

Conversions

Conversions Part 1

Format	Color
Hex	663B3B
RGB	102, 59, 59
RGB Percent	40%, 23%, 23%
CMY	0.6000, 0.7686, 0.7686
CMYK	0.00, 0.42, 0.42, 0.60
HSL	0°, 27%, 32%
HSV	0°, 42%, 40%
XYZ	7.8329, 6.2685, 4.9348
YIQ	71.8570, 25.6280, 9.1160

Conversions

Conversions Part 2

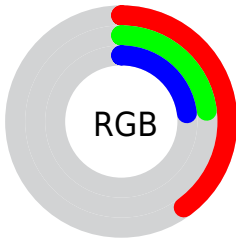
Format	Color
RYB	102, 59, 59
Decimal	6699835
CIELab	30.08, 18.97, 8.14
CIElCh	30, 20.639, 23.232
Yxy	6.2685, 0.4115, 0.3293
Android (android.graphics.Color)	4284889915 (0xFF663B3B)
YUV	71.8570, -6.3385, 26.4354
Hunter-Lab	25.0369, 12.0296, 5.8398

Details

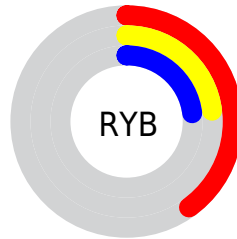
The Hex color **663B3B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3B6666**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **9B6B6A**, and **350F11** is the 20% darker color. If you saturate the color by 10%, you get **663131**, and if you desaturate by 10%, it is **664545**.

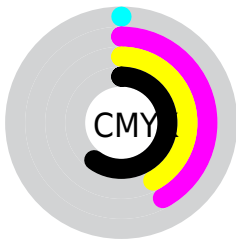
Distribution



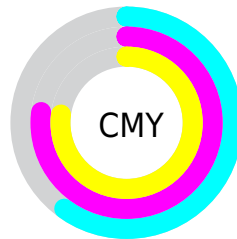
- Red (40%)
- Green (23%)
- Blue (23%)



- Red (40%)
- Yellow (23%)
- Blue (23%)



- Cyan (0%)
- Magenta (42%)
- Yellow (42%)
- Black (60%)



- Cyan (60%)
- Magenta (77%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 663B3B 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 663B3B by changing the saturation by 10% instead.



663B3B



663B3B

FFFFFF



4D2525



9B6B6A



350F11



B68483



210001



D29F9D



000000



EFBAB8



FFD6D4



FFF2F0



663B3B



663B3B



663131



664545

■ 662727

■ 664F4F

■ 661C1C

■ 665A5A

■ 661212

■ 666464

■ 660808

■ 666E6E

■ 660000

■ 667878

■ 668282

■ 668D8D

■ 669797

Harmonies

Analogous

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



633B4B



663B3B



603F2E

Triad

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



663B3B



324D33



294A66

Complementary

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



663B3B



3B6666

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.



094D60



663B3B



1C4F43

Square

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



663B3B



454A29



034F53



434464

Rectangle

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



663B3B



594328



034F53



1F4B65

Sweetspot

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



663B3B



857373



663B66



423838



C2C2C2



424242

Same Dimension

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



663B3B



854141



66513B



332E2E



730000



F20000

Inverse Universe

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



3B6666



418585



3B5166



2E3333



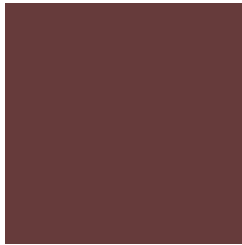
007373



00F2F2

Previews

White Background



This preview shows how the Hex color 663B3B looks on a white background.

Color Contrast Check

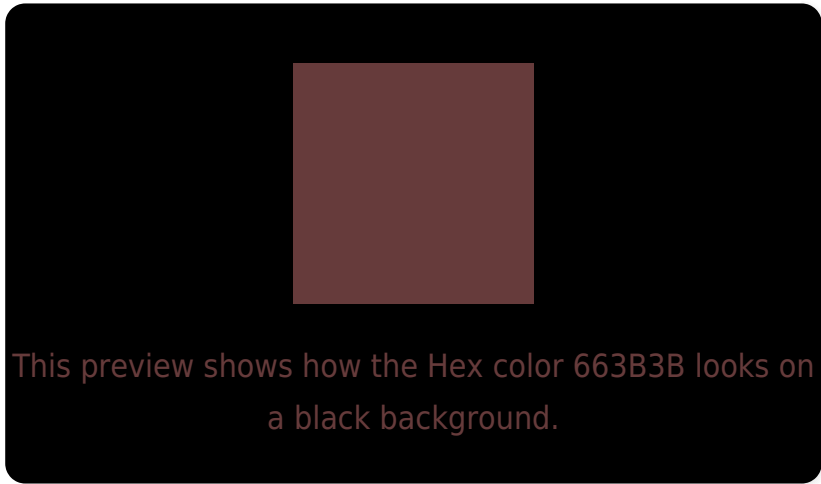
Large Text (above 18pt) WCAG AA ✓ Pass

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

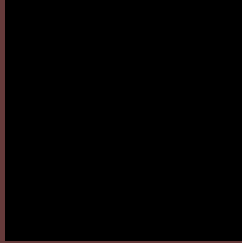
Any Text WCAG AA × Fail

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 663B3B Background



This preview shows how black text looks on a background with the Hex color 663B3B.



This preview shows how white text looks on a background with the Hex color 663B3B.

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
663B3B

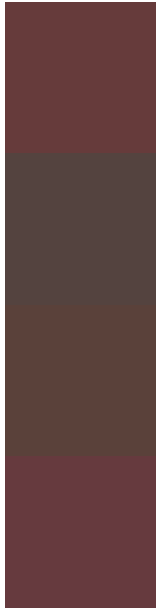
Protanopia
4A4741

Deuteranopia
534439



Tritanopia
663A3F

Trichromacy



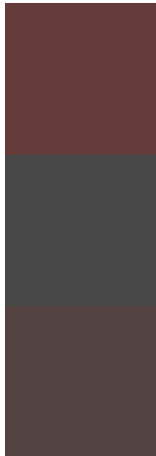
Original Color
663B3B

Protanomaly
54433F

Deuteranomaly
5A413A

Tritanomaly
663A3E

Monochromacy



Original Color
663B3B

Achromatopsia
484848

Achromatomaly
534343

CSS Examples

Text

The CSS property to change the color of the text to Hex 663B3B 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 #663B3B looks like.

```
.text, #text, p{  
    color:#663B3B  
}
```

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 #663B3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663B3B
}
```

Border

The CSS property to change the border of an element to Hex 663B3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

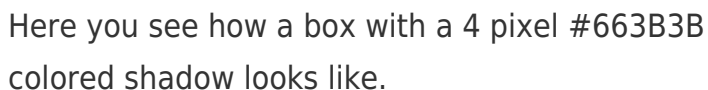
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#663B3B }
```

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

```
.border{ border-color:#663B3B }
```

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



Here you see how a box with a 4 pixel #663B3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663B3B; -webkit-box-shadow:4px 4px  
4px 4px #663B3B; box-shadow:4px 4px 4px  
4px #663B3B }
```

Background

The CSS property to change the background color of an element to Hex 663B3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663B3B }
```

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

```
.background{ background-color:#663B3B }
```

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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