

Converting Colors

Hex(663C40)

Have a look what the booklet for
Hex(663C40) contains.

Hex(663C40)	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(663C40)

Conversions

Conversions Part 1

Format	Color
Hex	663C40
RGB	102, 60, 64
RGB Percent	40%, 24%, 25%
CMY	0.6000, 0.7647, 0.7490
CMYK	0.00, 0.41, 0.37, 0.60
HSL	354°, 26%, 32%
HSV	354°, 41%, 40%
XYZ	8.0208, 6.4267, 5.6682
YIQ	73.0140, 23.7480, 10.1480

Conversions

Conversions Part 2

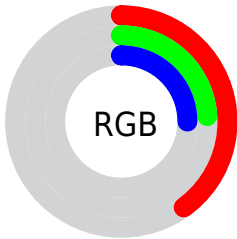
Format	Color
RYB	102, 60, 64
Decimal	6700096
CIELab	30.46, 19.03, 5.43
CIELCh	30, 19.795, 15.930
Yxy	6.4267, 0.3987, 0.3195
Android (android.graphics.Color)	4284890176 (0xFF663C40)
YUV	73.0140, -4.4439, 25.4207
Hunter-Lab	25.3509, 12.1116, 4.4889




Details

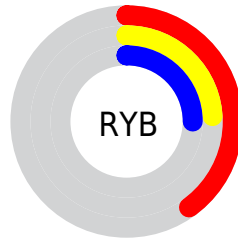
The Hex color **663C40** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3C6662**, and the grayscale version is **494949**.




A 20% lighter version of the original color is **9A6C70**, and **351016** is the 20% darker color. If you saturate the color by 10%, you get **663237**, and if you desaturate by 10%, it is **664649**.

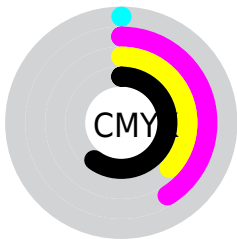
Distribution







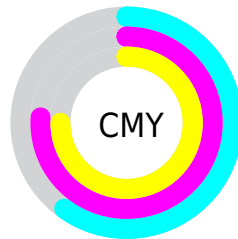
-  Red (40%)
-  Green (24%)
-  Blue (25%)






-  Red (40%)
-  Yellow (24%)
-  Blue (25%)



-  Cyan (0%)
-  Magenta (41%)
-  Yellow (37%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (76%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 663C40 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 663C40 by changing the saturation by 10% instead.

 663C40

 663C40

FFFFFF

 4D262A

 9A6C70

 351016

 B68689

 220001

 D2A0A3

 000000

 EFBBBE

 FFD7DA

 FFF3F7

 663C40

 663C40

 663237

 664649

66282E

665052

661D24

665B5C

66131B

666565

660912

666F6E

66000A

667977

668381

668E8A

669893

Harmonies

Analogous

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



613D50



663C40



623F32

Triad

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



663C40



384D32



254B65

Complementary

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



663C40



3C6662

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.



0D4F5D



663C40



255040

Square

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



663C40



4A492A



115050



3F4665

Rectangle

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



663C40



5C422C



115050



1C4D63

Sweetspot

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



663C40



857576



623C66



42393A



C2C2C2



424242

Same Dimension

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



663C40



85444A



664D3C



332E2E



73000B



F20017

Inverse Universe

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



663C40



85444A



3C5566



332E2E



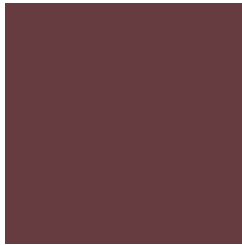
73000B



F20017

Previews

White Background



This preview shows how the Hex color 663C40 looks on a white background.

Color Contrast Check

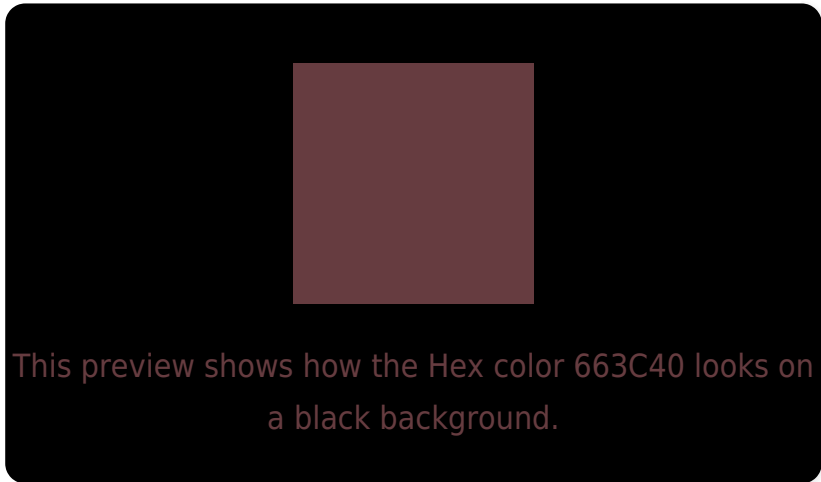
Large Text (above 18pt) WCAG AA ✓ Pass

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

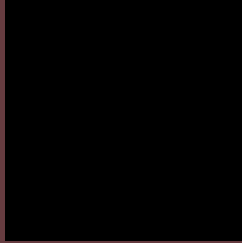
Any Text WCAG AA × Fail

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 663C40 Background



This preview shows how black text looks on a background with the Hex color 663C40.



This preview shows how white text looks on a background with the Hex color 663C40.

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
663C40

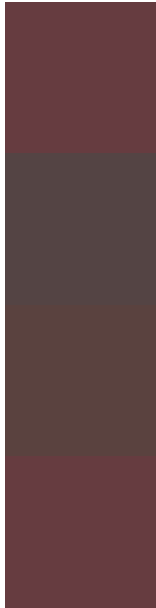
Protanopia
4A4846

Deuteranopia
53453E



Tritanopia
663C40

Trichromacy



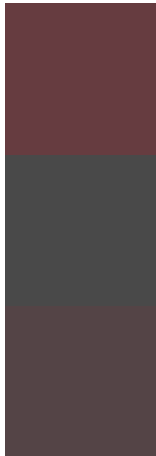
Original Color
663C40

Protanomaly
544444

Deuteranomaly
5A423F

Tritanomaly
663C40

Monochromacy



Original Color
663C40

Achromatopsia
494949

Achromatomaly
544446

CSS Examples

Text

The CSS property to change the color of the text to Hex 663C40 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 #663C40 looks like.

```
.text, #text, p{  
    color:#663C40  
}
```

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 #663C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663C40
}
```

Border

The CSS property to change the border of an element to Hex 663C40 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
#663C40 }
```

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

```
.border{ border-color:#663C40 }
```

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

Here you see how a box with a 4 pixel #663C40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663C40; -webkit-box-shadow:4px 4px  
4px 4px #663C40; box-shadow:4px 4px 4px  
4px #663C40 }
```

Background

The CSS property to change the background color of an element to Hex 663C40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663C40 }
```

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

```
.background{ background-color:#663C40 }
```

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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