

Converting Colors

Hex(633C46)

Have a look what the booklet for
Hex(633C46) contains.

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Color

Hex(633C46)

Conversions

Conversions Part 1

Format	Color
Hex	633C46
RGB	99, 60, 70
RGB Percent	39%, 24%, 27%
CMY	0.6118, 0.7647, 0.7255
CMYK	0.00, 0.39, 0.29, 0.61
HSL	345°, 25%, 31%
HSV	345°, 39%, 39%
XYZ	7.8669, 6.3266, 6.6009
YIQ	72.8010, 20.0340, 11.3780

Conversions

Conversions Part 2

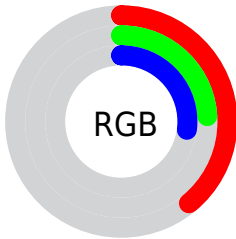
Format	Color
RYB	99, 60, 70
Decimal	6503494
CIELab	30.22, 18.67, 1.13
CIElCh	30, 18.703, 3.449
Yxy	6.3266, 0.3783, 0.3042
Android (android.graphics.Color)	4284693574 (0xFF633C46)
YUV	72.8010, -1.3809, 22.9765
Hunter-Lab	25.1527, 11.8119, 2.0473




Details

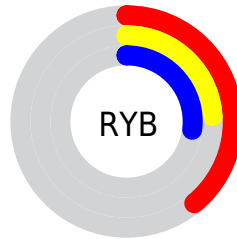
The Hex color **633C46** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3C6359**, and the grayscale version is **494949**.




A 20% lighter version of the original color is **976C76**, and **33101B** is the 20% darker color. If you saturate the color by 10%, you get **63323F**, and if you desaturate by 10%, it is **63464D**.

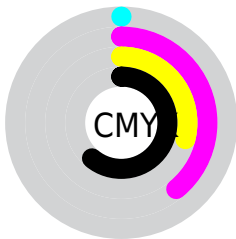
Distribution







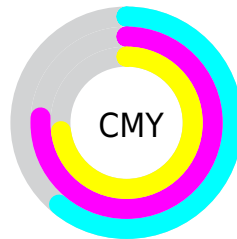
-  Red (39%)
-  Green (24%)
-  Blue (27%)






-  Red (39%)
-  Yellow (24%)
-  Blue (27%)



-  Cyan (0%)
-  Magenta (39%)
-  Yellow (29%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (76%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 633C46 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 633C46 by changing the saturation by 10% instead.

 633C46

 633C46

FFFFFF

 4A2630

 976C76

 33101B

 B28590

 210001

 CEA0AA

 000000

 EABBC6

 FFD7E1

 FFF3FE

 633C46

 633C46

 63323F

 63464D

■ 632837

■ 635055

■ 631E30

■ 635A5C

■ 631429

■ 636463

■ 630A21

■ 636E6B

■ 63011A

■ 637772

■ 630019

■ 63817A

■ 638B81

■ 639588

Harmonies

Analogous

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



5B3E54



633C46



633E38

Triad

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



633C46



404B2E



1E4C61

Complementary

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



633C46



3C6359

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.



124E57



633C46



2F4E3A

Square

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



633C46



4F472A



1D4F48



364864

Rectangle

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



633C46



5F4030



1D4F48



184D5E

Sweetspot

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



633C46



807074



593C63



403739



BFBFBF



404040

Same Dimension

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



633C46



804453



63453C



302C2D



70001D



F0003D

Inverse Universe

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



633C46



804453



3C5A63



302C2D



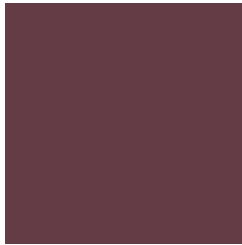
70001D



F0003D

Previews

White Background



This preview shows how the Hex color 633C46 looks on a white background.

Color Contrast Check

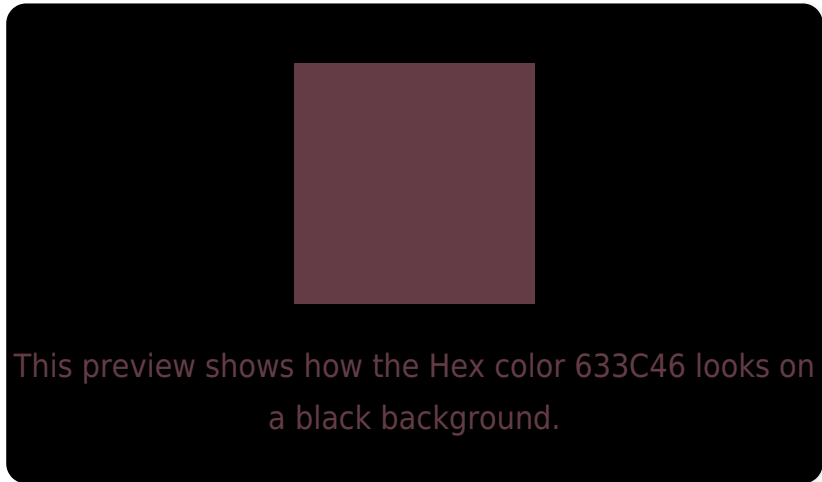
Large Text (above 18pt) WCAG AA ✓ Pass

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

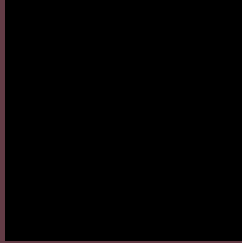
Any Text WCAG AA × Fail

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 633C46 Background



This preview shows how black text looks on a background with the Hex color 633C46.



This preview shows how white text looks on a background with the Hex color 633C46.

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
633C46

Protanopia
47474C

Deuteranopia
504544



Tritanopia
633D41

Trichromacy



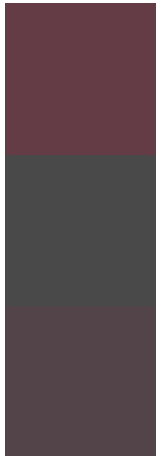
Original Color
633C46

Protanomaly
51434A

Deuteranomaly
574245

Tritanomaly
633D43

Monochromacy



Original Color
633C46

Achromatopsia
494949

Achromatomaly
524448

CSS Examples

Text

The CSS property to change the color of the text to Hex 633C46 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 #633C46 looks like.

```
.text, #text, p{  
    color:#633C46  
}
```

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 #633C46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #633C46
}
```

Border

The CSS property to change the border of an element to Hex 633C46 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".

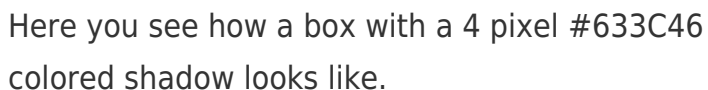
```
.border, #border, table{ border:4px solid
#633C46 }
```

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

```
.border{ border-color:#633C46 }
```

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

Here you see how a box with a 4 pixel #633C46 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #633C46 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #633C46; -webkit-box-shadow:4px 4px  
4px 4px #633C46; box-shadow:4px 4px 4px  
4px #633C46 }
```

Background

The CSS property to change the background color of an element to Hex 633C46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#633C46 }
```

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

```
.background{ background-color:#633C46 }
```

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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