

Converting Colors

Hex(633C3E)

Have a look what the booklet for
Hex(633C3E) contains.

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Color

Hex(633C3E)

Conversions

Conversions Part 1

Format	Color
Hex	633C3E
RGB	99, 60, 62
RGB Percent	39%, 24%, 24%
CMY	0.6118, 0.7647, 0.7569
CMYK	0.00, 0.39, 0.37, 0.61
HSL	357°, 25%, 31%
HSV	357°, 39%, 39%
XYZ	7.6309, 6.2322, 5.3582
YIQ	71.8890, 22.6020, 8.8900

Conversions

Conversions Part 2

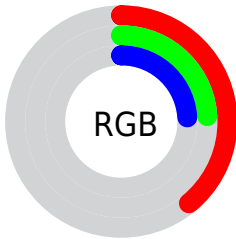
Format	Color
RYB	99, 60, 62
Decimal	6503486
CIELab	29.99, 17.46, 6.00
CIElCh	30, 18.467, 18.972
Yxy	6.2322, 0.3970, 0.3242
Android (android.graphics.Color)	4284693566 (0xFF633C3E)
YUV	71.8890, -4.8753, 23.7763
Hunter-Lab	24.9643, 10.8753, 4.7494

Details

The Hex color **633C3E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3C6361**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **976C6D**, and **321114** is the 20% darker color. If you saturate the color by 10%, you get **633235**, and if you desaturate by 10%, it is **634647**.

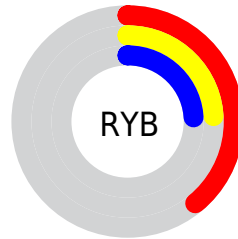
Distribution



Red (39%)

Green (24%)

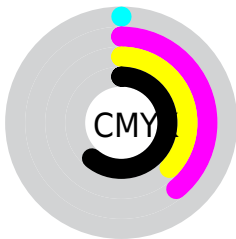
Blue (24%)



Red (39%)

Yellow (24%)

Blue (24%)

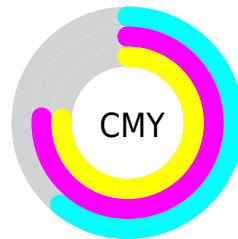


Cyan (0%)

Magenta (39%)

Yellow (37%)

Black (61%)



Cyan (61%)

Magenta (76%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 633C3E 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 633C3E by changing the saturation by 10% instead.



633C3E



633C3E

FFFFFF



4A2628



976C6D



321114



B28587



1F0001



CEA0A1



000000



EBBBBC



FFD6D8



FFF3F4



633C3E



633C3E



633235



634647

63282B

635051

631E22

635A5A

631418

636464

630A0F

636E6D

630106

637776

630005

638180

638B89

639593

Harmonies

Analogous

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



5F3C4D



633C3E



5F3F32

Triad

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



633C3E



374C33



2A4A62

Complementary

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



633C3E



3C6361

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.



164D5C



633C3E



254E41

Square

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



633C3E



47492B



154E4F



414562

Rectangle

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



633C3E



59422C



154E4F



234B61

Sweetspot

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



633C3E



807071



603C63



403737



BFBFBF



404040

Same Dimension

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



633C3E



804447



634D3C



302C2C



700006



F0000C

Inverse Universe

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



633C3E



804447



3C5263



302C2C



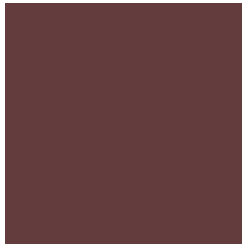
700006



F0000C

Previews

White Background



This preview shows how the Hex color 633C3E looks on a white background.

Color Contrast Check

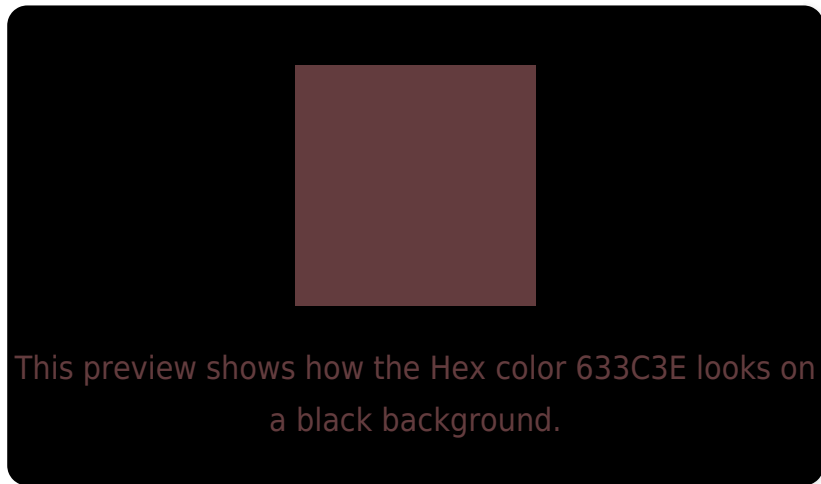
Large Text (above 18pt) WCAG AA ✓ Pass

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

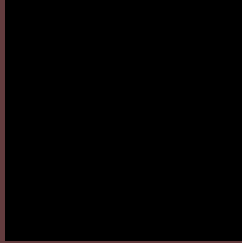
Any Text WCAG AA × Fail

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 633C3E Background



This preview shows how black text looks on a background with the Hex color 633C3E.

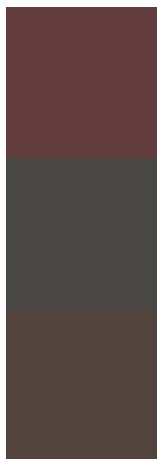


This preview shows how white text looks on a background with the Hex color 633C3E.

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
633C3E

Protanopia
494744

Deuteranopia
52443D



Tritanopia
633C40

Trichromacy



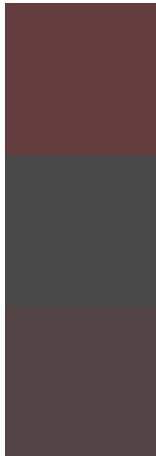
Original Color
633C3E

Protanomaly
524342

Deuteranomaly
58413D

Tritanomaly
633C3F

Monochromacy



Original Color
633C3E

Achromatopsia
484848

Achromatomaly
524444

CSS Examples

Text

The CSS property to change the color of the text to Hex 633C3E 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 #633C3E looks like.

```
.text, #text, p{  
    color:#633C3E  
}
```

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 #633C3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #633C3E
}
```

Border

The CSS property to change the border of an element to Hex 633C3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

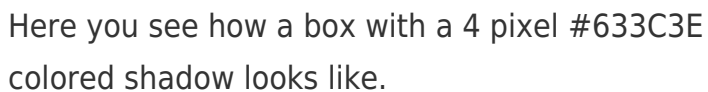
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#633C3E }
```

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

```
.border{ border-color:#633C3E }
```

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



Here you see how a box with a 4 pixel #633C3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #633C3E; -webkit-box-shadow:4px 4px  
4px 4px #633C3E; box-shadow:4px 4px 4px  
4px #633C3E }
```

Background

The CSS property to change the background color of an element to Hex 633C3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#633C3E }
```

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

```
.background{ background-color:#633C3E }
```

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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