

Converting Colors

Hex(633E4B)

Have a look what the booklet for
Hex(633E4B) contains.

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Color

Hex(633E4B)

Conversions

Conversions Part 1

Format	Color
Hex	633E4B
RGB	99, 62, 75
RGB Percent	39%, 24%, 29%
CMY	0.6118, 0.7569, 0.7059
CMYK	0.00, 0.37, 0.24, 0.61
HSL	339°, 23%, 32%
HSV	339°, 37%, 39%
XYZ	8.1382, 6.6059, 7.5027
YIQ	74.5450, 17.8790, 11.8870

Conversions

Conversions Part 2

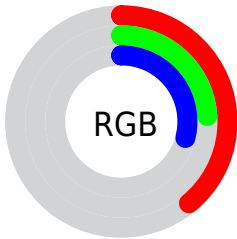
Format	Color
RYB	99, 62, 75
Decimal	6504011
CIELab	30.89, 18.26, -1.15
CIELCh	31, 18.291, 356.410
Yxy	6.6059, 0.3658, 0.2969
Android (android.graphics.Color)	4284694091 (0xFF633E4B)
YUV	74.5450, 0.2243, 21.4470
Hunter-Lab	25.7019, 11.5415, 0.6838

Details

The Hex color **633E4B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3E6356**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **976E7C**, and **33121F** is the 20% darker color. If you saturate the color by 10%, you get **633445**, and if you desaturate by 10%, it is **634851**.

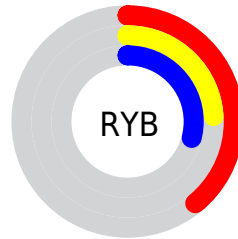
Distribution



Red (39%)

Green (24%)

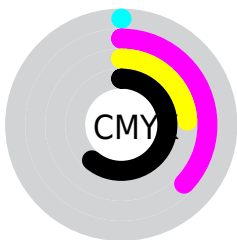
Blue (29%)



Red (39%)

Yellow (24%)

Blue (29%)

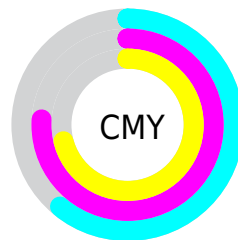


Cyan (0%)

Magenta (37%)

Yellow (24%)

Black (61%)



Cyan (61%)

Magenta (76%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 633E4B 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 633E4B by changing the saturation by 10% instead.



633E4B



633E4B

FFFFFF



4A2834



976E7C



33121F



B28895



210007



CDA2B0



000000



EABDCC



FFD9E8



FFF6FF



633E4B



633E4B



633445



634851

632A3E

635258

632038

635C5E

631631

636665

630C2B

63706B

630324

637972

630023

638378

638D7E

639785

Harmonies

Analogous

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



594159



633E4B



653F3D

Triad

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



633E4B



454C2F



1E4E60

Complementary

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



633E4B



3E6356

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.



175055



633E4B



354F38

Square

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



633E4B



54472C



245046



324B65

Rectangle

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



633E4B



624135



245046



194F5D

Sweetspot

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



633E4B



807176



553E63



40373A



BFBFBF



404040

Same Dimension

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



633E4B



80465A



63433E



302C2D



700027



F00054

Inverse Universe

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



633E4B



80465A



3E5E63



302C2D



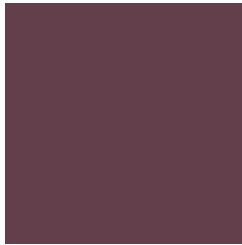
700027



F00054

Previews

White Background



This preview shows how the Hex color 633E4B looks on a white background.

Color Contrast Check

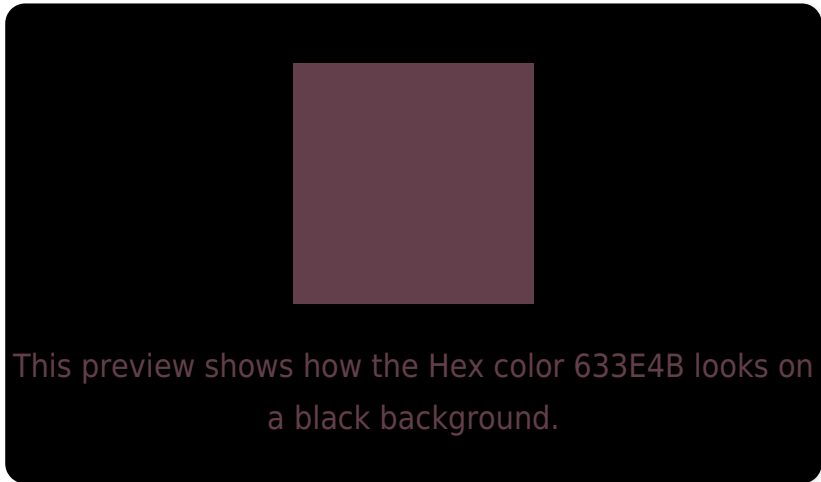
Large Text (above 18pt) WCAG AA ✓ Pass

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

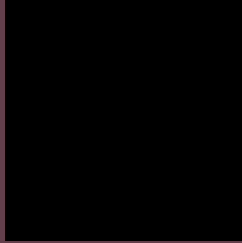
Any Text WCAG AA × Fail

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 633E4B Background



This preview shows how black text looks on a background with the Hex color 633E4B.



This preview shows how white text looks on a background with the Hex color 633E4B.

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
633E4B

Protanopia
484951

Deuteranopia
504749



Tritanopia
623F44

Trichromacy



Original Color

633E4B

Protanomaly

52454F

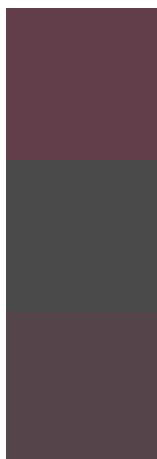
Deuteranomaly

57444A

Tritanomaly

623F47

Monochromacy



Original Color

633E4B

Achromatopsia

4B4B4B

Achromatomaly

54464B

CSS Examples

Text

The CSS property to change the color of the text to Hex 633E4B 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 #633E4B looks like.

```
.text, #text, p{  
    color:#633E4B  
}
```

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 #633E4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #633E4B
}
```

Border

The CSS property to change the border of an element to Hex 633E4B is called "border". The border property can be set on classes, ids or directly on the HTML element.

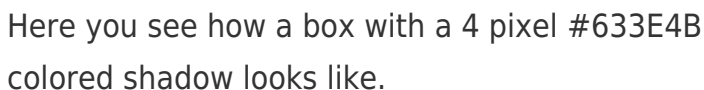
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#633E4B }
```

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

```
.border{ border-color:#633E4B }
```

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



Here you see how a box with a 4 pixel #633E4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #633E4B; -webkit-box-shadow:4px 4px  
4px 4px #633E4B; box-shadow:4px 4px 4px  
4px #633E4B }
```

Background

The CSS property to change the background color of an element to Hex 633E4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#633E4B }
```

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

```
.background{ background-color:#633E4B }
```

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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