

Converting Colors

Hex(633D4B)

Have a look what the booklet for
Hex(633D4B) contains.

Hex(633D4B)	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(633D4B)

Conversions

Conversions Part 1

Format	Color
Hex	633D4B
RGB	99, 61, 75
RGB Percent	39%, 24%, 29%
CMY	0.6118, 0.7608, 0.7059
CMYK	0.00, 0.38, 0.24, 0.61
HSL	338°, 24%, 31%
HSV	338°, 38%, 39%
XYZ	8.0843, 6.4981, 7.4848
YIQ	73.9580, 18.1540, 12.4100

Conversions

Conversions Part 2

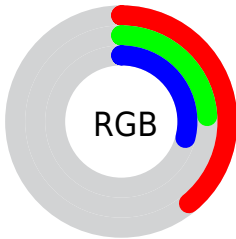
Format	Color
RYB	99, 61, 75
Decimal	6503755
CIELab	30.64, 18.87, -1.52
CIELCh	31, 18.934, 355.390
Yxy	6.4981, 0.3663, 0.2945
Android (android.graphics.Color)	4284693835 (0xFF633D4B)
YUV	73.9580, 0.5137, 21.9618
Hunter-Lab	25.4914, 11.9993, 0.4353

Details

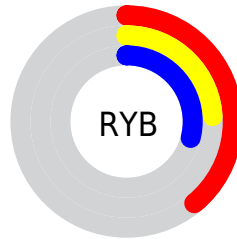
The Hex color **633D4B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3D6355**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **976D7C**, and **33111F** is the 20% darker color. If you saturate the color by 10%, you get **633345**, and if you desaturate by 10%, it is **634751**.

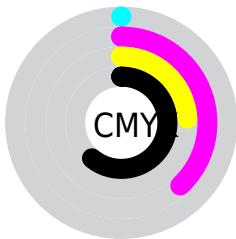
Distribution



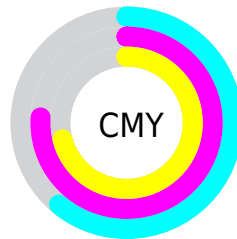
- Red (39%)
- Green (24%)
- Blue (29%)



- Red (39%)
- Yellow (24%)
- Blue (29%)



- Cyan (0%)
- Magenta (38%)
- Yellow (24%)
- Black (61%)



- Cyan (61%)
- Magenta (76%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 633D4B 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 633D4B by changing the saturation by 10% instead.



633D4B



633D4B

FFFFFF



4A2734



976D7C



33111F



B28795



210007



CEA1B0



000000



EABCCC



FFD8E8



FFF4FF



633D4B



633D4B



633345



634751

 63293E

 635158

 631F38

 635B5E

 631532

 636564

 630C2C

 636F6A

 630225

 637871

 630024

 638277

 638C7D

 639683

Harmonies

Analogous

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



594059



633D4B



653E3C

Triad

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



633D4B



454B2D



194E60

Complementary

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



633D4B



3D6355

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.



135054



633D4B



344E37

Square

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



633D4B



54462B



225045



304A65

Rectangle

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



633D4B



624034



225045



144F5D

Sweetspot

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



633D4B



807076



543D63



40373A



BFBFBF



404040

Same Dimension

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



633D4B



80455A



63413D



302C2D



700029



F00058

Inverse Universe

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



633D4B



80455A



3D5F63



302C2D



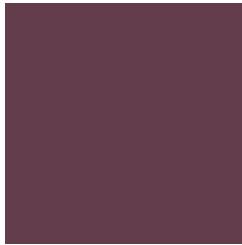
700029



F00058

Previews

White Background



This preview shows how the Hex color 633D4B looks on a white background.

Color Contrast Check

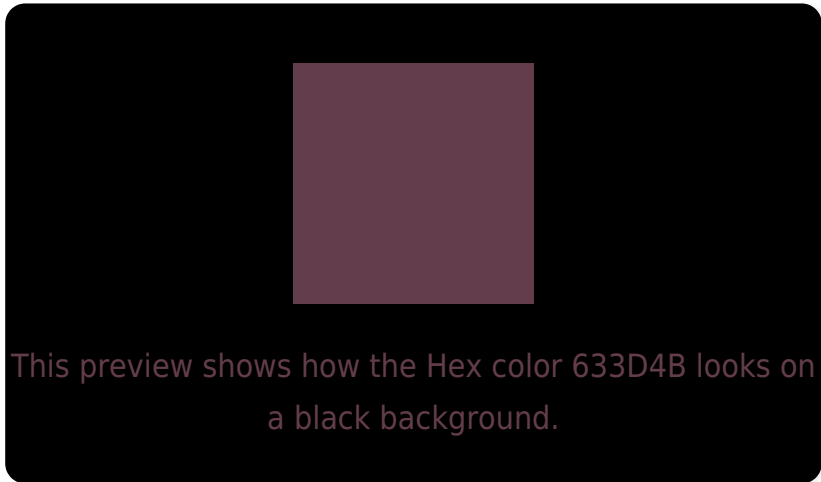
Large Text (above 18pt) WCAG AA ✓ Pass

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

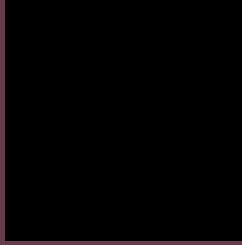
Any Text WCAG AA × Fail

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 633D4B Background



This preview shows how black text looks on a background with the Hex color 633D4B.



This preview shows how white text looks on a background with the Hex color 633D4B.

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](#).

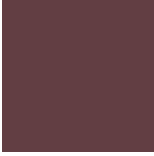
Dichromacy



Original Color
633D4B

Protanopia
474852

Deuteranopia
4F4649



Tritanopia
623E43

Trichromacy



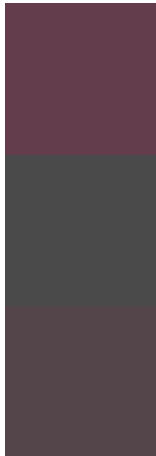
Original Color
633D4B

Protanomaly
51444F

Deuteranomaly
56434A

Tritanomaly
623E46

Monochromacy



Original Color
633D4B

Achromatopsia
4A4A4A

Achromatomaly
53454A

CSS Examples

Text

The CSS property to change the color of the text to Hex 633D4B 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 #633D4B looks like.

```
.text, #text, p{  
    color:#633D4B  
}
```

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 #633D4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #633D4B
}
```

Border

The CSS property to change the border of an element to Hex 633D4B is called "border". The border property can be set on classes, ids or directly on the HTML element.

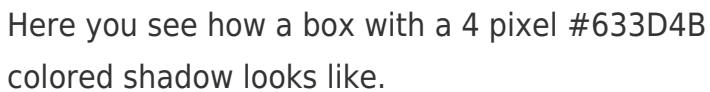
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#633D4B }
```

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

```
.border{ border-color:#633D4B }
```

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



Here you see how a box with a 4 pixel #633D4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #633D4B; -webkit-box-shadow:4px 4px  
4px 4px #633D4B; box-shadow:4px 4px 4px  
4px #633D4B }
```

Background

The CSS property to change the background color of an element to Hex 633D4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#633D4B }
```

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

```
.background{ background-color:#633D4B }
```

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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