

Converting Colors

Hex(6C3D3B)

Have a look what the booklet for
Hex(6C3D3B) contains.

Hex(6C3D3B)	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(6C3D3B)

Conversions

Conversions Part 1

Format	Color
Hex	6C3D3B
RGB	108, 61, 59
RGB Percent	42%, 24%, 23%
CMY	0.5765, 0.7608, 0.7686
CMYK	0.00, 0.44, 0.45, 0.58
HSL	2°, 29%, 33%
HSV	2°, 45%, 42%
XYZ	8.6425, 6.8414, 5.0027
YIQ	74.8250, 28.6540, 9.3420

Conversions

Conversions Part 2

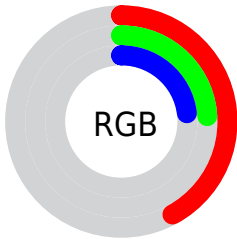
Format	Color
R_{YB}	108, 61, 59
Decimal	7093563
CIE _{Lab}	31.44, 20.34, 10.17
CIE _{LCh}	31, 22.741, 26.553
Yxy	6.8414, 0.4219, 0.3339
Android (android.graphics.Color)	4285283643 (0xFF6C3D3B)
YUV	74.8250, -7.8017, 29.0945
Hunter-Lab	26.1561, 13.2069, 6.9693

Details

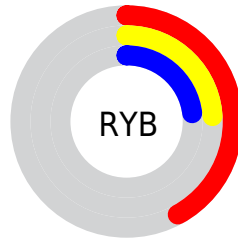
The Hex color **6C3D3B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3B6A6C**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **A16D6A**, and **3A1111** is the 20% darker color. If you saturate the color by 10%, you get **6C3330**, and if you desaturate by 10%, it is **6C4746**.

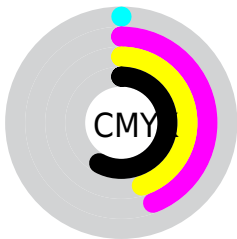
Distribution



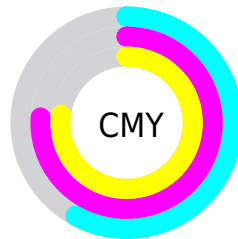
- Red (42%)
- Green (24%)
- Blue (23%)



- Red (42%)
- Yellow (24%)
- Blue (23%)



- Cyan (0%)
- Magenta (44%)
- Yellow (45%)
- Black (58%)



- Cyan (58%)
- Magenta (76%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C3D3B 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 6C3D3B by changing the saturation by 10% instead.



6C3D3B



6C3D3B

FFFFFF



522625



A16D6A



3A1111



BD8783



250000



DAA19D



000000



F7BCB8



FFD8D4



FFF5F0



6C3D3B



6C3D3B



6C3330



6C4746

 6C2825

 6C5251

 6C1E1B

 6C5C5B

 6C1410

 6C6666

 6C0905

 6C7171

 6C0400

 6C7B7C

 6C8687

 6C9091

 6C9A9C

Harmonies

Analogous

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



6A3C4D



6C3D3B



65422D

Triad

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



6C3D3B



305136



2B4C6D

Complementary

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



6C3D3B



3B6A6C

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.



005167



6C3D3B



155347

Square

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



6C3D3B



454E29



005359



49466A

Rectangle

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



6C3D3B



5C4627



005359



1F4E6C

Sweetspot

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



6C3D3B



8C7979



6C3B6A



473C3B



C7C7C7



474747

Same Dimension

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



6C3D3B



8C4441



6C553B



363030



750500



F50A00

Inverse Universe

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



3B6A6C



41898C



3B526C



303536



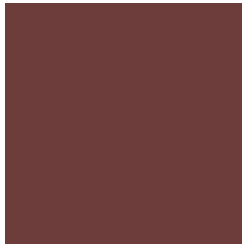
007175



00EBF5

Previews

White Background



This preview shows how the Hex color 6C3D3B looks on a white background.

Color Contrast Check

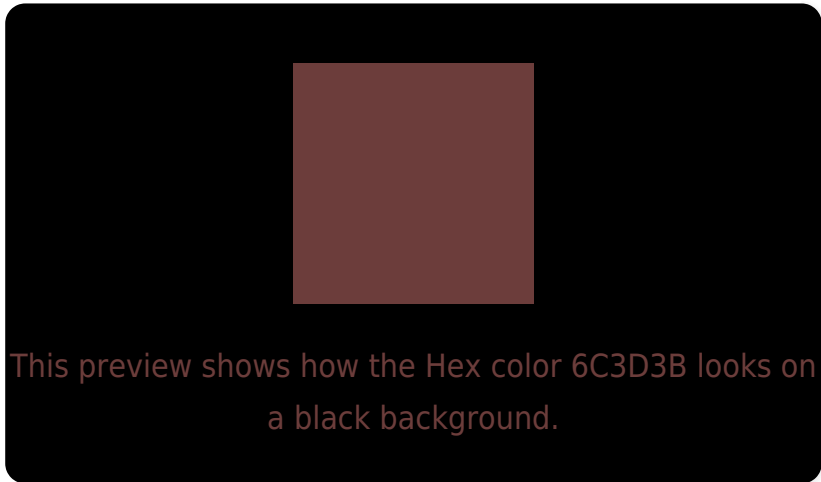
Large Text (above 18pt) WCAG AA ✓ Pass

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

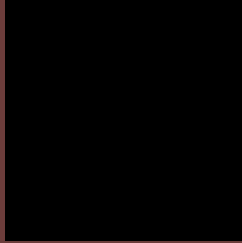
Any Text WCAG AA × Fail

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 6C3D3B Background



This preview shows how black text looks on a background with the Hex color 6C3D3B.

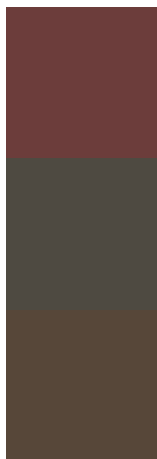


This preview shows how white text looks on a background with the Hex color 6C3D3B.

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
6C3D3B

Protanopia
4E4A41

Deuteranopia
574739



Tritanopia
6C3C41

Trichromacy



Original Color
6C3D3B

Protanomaly
59453F

Deuteranomaly
5F433A

Tritanomaly
6C3C3F

Monochromacy



Original Color
6C3D3B

Achromatopsia
4B4B4B

Achromatomaly
574645

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C3D3B 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 #6C3D3B looks like.

```
.text, #text, p{  
    color:#6C3D3B  
}
```

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 #6C3D3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C3D3B
}
```

Border

The CSS property to change the border of an element to Hex 6C3D3B 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".

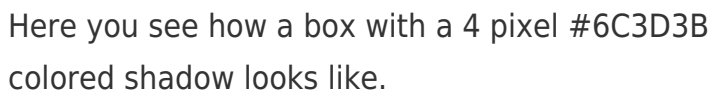
```
.border, #border, table{ border:4px solid
#6C3D3B }
```

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

```
.border{ border-color:#6C3D3B }
```

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

Here you see how a box with a 4 pixel #6C3D3B colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below and to the right of the box is a dark red shadow, creating a 3D effect. The shadow is rectangular and matches the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C3D3B; -webkit-box-shadow:4px 4px  
4px 4px #6C3D3B; box-shadow:4px 4px 4px  
4px #6C3D3B }
```

Background

The CSS property to change the background color of an element to Hex 6C3D3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C3D3B }
```

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

```
.background{ background-color:#6C3D3B }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor