

# Converting Colors

Hex(6C4A3E)

Have a look what the booklet for  
Hex(6C4A3E) contains.

<b>Hex(6C4A3E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(6C4A3E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C4A3E
RGB	108, 74, 62
RGB Percent	42%, 29%, 24%
CMY	0.5765, 0.7098, 0.7569
CMYK	0.00, 0.31, 0.43, 0.58
HSL	16°, 27%, 33%
HSV	16°, 43%, 42%
XYZ	9.5026, 8.4335, 5.6844
YIQ	82.7980, 24.1160, 3.4760

# Conversions

## Conversions Part 2

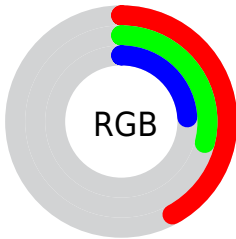
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 78, 62
Decimal	7096894
CIE <sub>Lab</sub>	34.87, 12.80, 12.96
CIE <sub>LCh</sub>	35, 18.211, 45.360
Yxy	8.4335, 0.4023, 0.3570
Android (android.graphics.Color)	4285286974 (0xFF6C4A3E)
YUV	82.7980, -10.2534, 22.1022
Hunter-Lab	29.0405, 7.5878, 8.7229

# Details

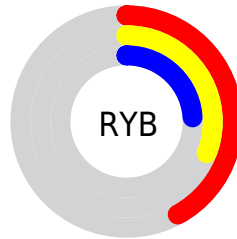
The Hex color **6C4A3E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3E606C**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A17B6E**, and **3B1E14** is the 20% darker color. If you saturate the color by 10%, you get **6C4233**, and if you desaturate by 10%, it is **6C5249**.

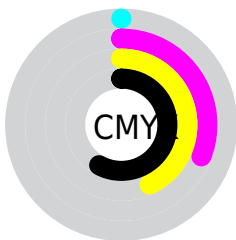
# Distribution



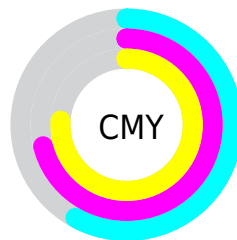
- Red (42%)
- Green (29%)
- Blue (24%)



- Red (42%)
- Yellow (31%)
- Blue (24%)



- Cyan (0%)
- Magenta (31%)
- Yellow (43%)
- Black (58%)



- Cyan (58%)
- Magenta (71%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C4A3E 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 6C4A3E by changing the saturation by 10% instead.



 6C4A3E

 6C4A3E

FFFFFF

 533328

 A17B6E

 3B1E14

 BC9587

 250700

 D8AFA1

 000000

 F5CBCB

 FFE7D8

 FFFFF4

 6C4A3E

 6C4A3E

 6C4233

 6C5249

■ 6C3A28

■ 6C5A54

■ 6C321E

■ 6C625E

■ 6C2A13

■ 6C6A69

■ 6C2208

■ 6C7274

■ 6C1C00

■ 6C7A7F

■ 6C828A

■ 6C8A94

■ 6C929F

# Harmonies

## Analogous

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



6F474B



6C4A3E



634F36

# Triad

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



6C4A3E



33594A



4A516E

# Complementary

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



6C4A3E



3E606C

# 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.



34556E



6C4A3E



255A59

# Square

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



6C4A3E



44573D



245966



5D4C66

# Rectangle

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



6C4A3E



5A5235



245966



43526F



# Sweetspot

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



6C4A3E



8C7F7A



6C3E61



473F3C



C7C7C7



474747



# Same Dimension

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



6C4A3E



8C5745



6C613E



363230



751F00



F54000



# Inverse Universe

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



3E606C



457A8C



3E4A6C



303436



005775



00B5F5



# Previews

## White Background



This preview shows how the Hex color 6C4A3E looks on a white background.

## Color Contrast Check

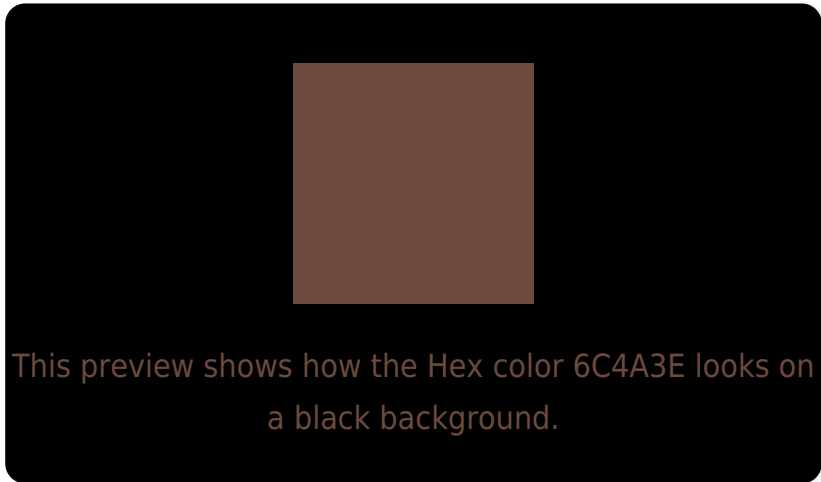
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C4A3E Background



This preview shows how black text looks on a background with the Hex color 6C4A3E.

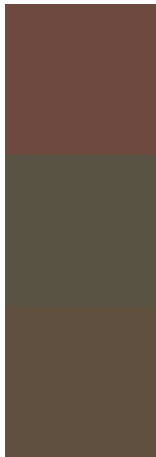


This preview shows how white text looks on a background with the Hex color 6C4A3E.

# 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**  
6C4A3E

**Protanopia**  
575242

**Deuteranopia**  
614F3D



**Tritanopia**  
6D484D

# Trichromacy



**Original Color**

6C4A3E

**Protanomaly**

5F4F41

**Deuteranomaly**

654D3D

**Tritanomaly**

6D4948

# Monochromacy



**Original Color**

6C4A3E

**Achromatopsia**

535353

**Achromatomaly**

5C504B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C4A3E 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 #6C4A3E looks like.

```
.text, #text, p{  
    color:#6C4A3E  
}
```

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 #6C4A3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C4A3E
}
```

## Border

The CSS property to change the border of an element to Hex 6C4A3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

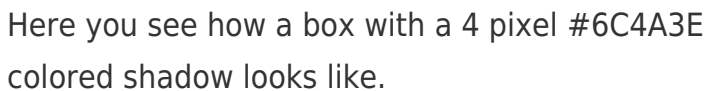
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C4A3E }
```

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

```
.border{ border-color:#6C4A3E }
```

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



Here you see how a box with a 4 pixel #6C4A3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C4A3E; -webkit-box-shadow:4px 4px  
4px 4px #6C4A3E; box-shadow:4px 4px 4px  
4px #6C4A3E }
```

# Background

The CSS property to change the background color of an element to Hex 6C4A3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C4A3E }
```

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

```
.background{ background-color:#6C4A3E }
```

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