

# Converting Colors

Hex(6B4B3A)

Have a look what the booklet for  
Hex(6B4B3A) contains.

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**Color**

**Hex(6B4B3A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B4B3A
RGB	107, 75, 58
RGB Percent	42%, 29%, 23%
CMY	0.5804, 0.7059, 0.7725
CMYK	0.00, 0.30, 0.46, 0.58
HSL	21°, 30%, 32%
HSV	21°, 46%, 42%
XYZ	9.3432, 8.4634, 5.1442
YIQ	82.6300, 24.5290, 1.4970

# Conversions

## Conversions Part 2

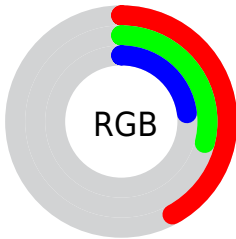
Format	Color
R <sub>Y</sub> B	107, 84, 58
Decimal	7031610
CIE Lab	34.93, 11.23, 15.51
CIE LCh	35, 19.149, 54.087
Yxy	8.4634, 0.4071, 0.3688
Android (android.graphics.Color)	4285221690 (0xFF6B4B3A)
YUV	82.6300, -12.1426, 21.3725
Hunter-Lab	29.0920, 6.4162, 9.8805

# Details

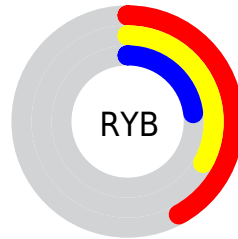
The Hex color **6B4B3A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3A5A6B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A07C69**, and **3A1F0F** is the 20% darker color. If you saturate the color by 10%, you get **6B442F**, and if you desaturate by 10%, it is **6B5245**.

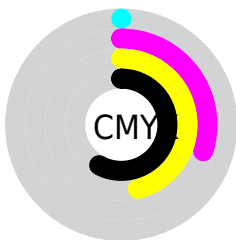
# Distribution



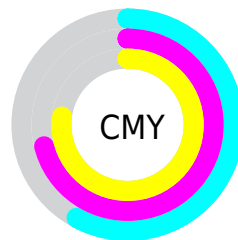
- Red (42%)
- Green (29%)
- Blue (23%)



- Red (42%)
- Yellow (33%)
- Blue (23%)



- Cyan (0%)
- Magenta (30%)
- Yellow (46%)
- Black (58%)



- Cyan (58%)
- Magenta (71%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B4B3A 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 6B4B3A by changing the saturation by 10% instead.





6B4B3A



6B4B3A

FFFFFF



523424



A07C69



3A1F0F



BB9682



240800



D7B09D



000000



F4CCB7



FFE8D3



FFFEEF



6B4B3A



6B4B3A



6B442F



6B5245

■ 6B3D25

■ 6B594F

■ 6B361A

■ 6B605A

■ 6B2F0F

■ 6B6765

■ 6B2805

■ 6B6E70

■ 6B2500

■ 6B757A

■ 6B7C85

■ 6B8390

■ 6B8A9A

# Harmonies

## Analogous

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



704746



6B4B3A



5F5034

# Triad

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



6B4B3A



2C5A4E



504F6E

# Complementary

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



6B4B3A



3A5A6B

# 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.



395570



6B4B3A



1F5A5E

# Square

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



6B4B3A



3E5840



24586A



634A64

# Rectangle

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



6B4B3A



555334



24586A



495170



# Sweetspot

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



6B4B3A



8C7F79



6B3A5B



473F3B



C7C7C7



474747



# Same Dimension

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



6B4B3A



8C5A3F



6B633A



363230



752900



F55500



# Inverse Universe

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



3A5A6B



3F718C



3A426B



303436



004D75



00A0F5



# Previews

## White Background



This preview shows how the Hex color 6B4B3A looks on a white background.

## Color Contrast Check

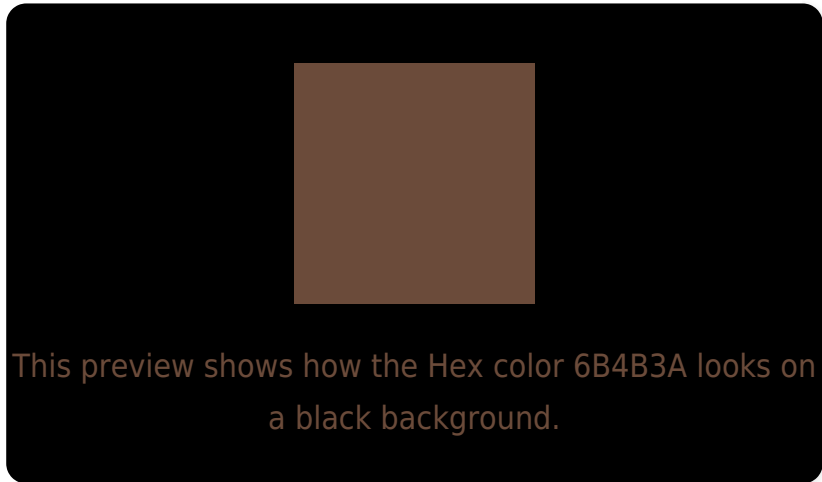
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B4B3A Background



This preview shows how black text looks on a background with the Hex color 6B4B3A.

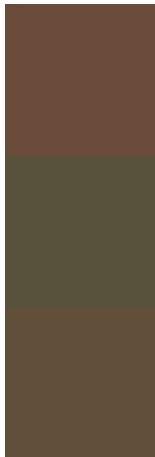


This preview shows how white text looks on a background with the Hex color 6B4B3A.

# 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**  
6B4B3A

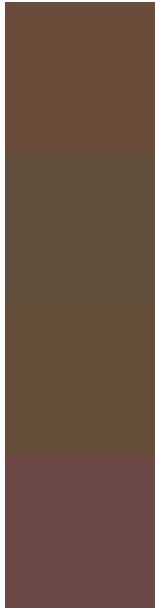
**Protanopia**  
58523D

**Deuteranopia**  
624F39



**Tritanopia**  
6D484E

# Trichromacy



**Original Color**  
6B4B3A

**Protanomaly**  
5F4F3C

**Deuteranomaly**  
654E39

**Tritanomaly**  
6C4947

# Monochromacy



**Original Color**  
6B4B3A

**Achromatopsia**  
535353

**Achromatomaly**  
5C504A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B4B3A 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 #6B4B3A looks like.

```
.text, #text, p{  
    color:#6B4B3A  
}
```

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 #6B4B3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4B3A
}
```

## Border

The CSS property to change the border of an element to Hex 6B4B3A 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".

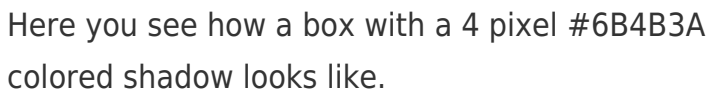
```
.border, #border, table{ border:4px solid
#6B4B3A }
```

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

```
.border{ border-color:#6B4B3A }
```

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

Here you see how a box with a 4 pixel #6B4B3A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4B3A; -webkit-box-shadow:4px 4px  
4px 4px #6B4B3A; box-shadow:4px 4px 4px  
4px #6B4B3A }
```

# Background

The CSS property to change the background color of an element to Hex 6B4B3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4B3A }
```

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

```
.background{ background-color:#6B4B3A }
```

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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