

# Converting Colors

Hex(6B4C36)

Have a look what the booklet for  
Hex(6B4C36) contains.

<b>Hex(6B4C36)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(6B4C36)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B4C36
RGB	107, 76, 54
RGB Percent	42%, 30%, 21%
CMY	0.5804, 0.7020, 0.7882
CMYK	0.00, 0.29, 0.50, 0.58
HSL	25°, 33%, 32%
HSV	25°, 50%, 42%
XYZ	9.3137, 8.5610, 4.6516
YIQ	82.7610, 25.5380, -0.2700

# Conversions

## Conversions Part 2

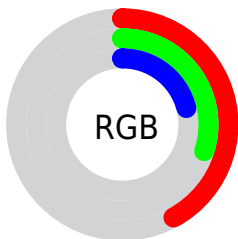
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 92, 54
Decimal	7031862
CIELab	35.12, 10.15, 18.23
CIELCh	35, 20.865, 60.897
Yxy	8.5610, 0.4135, 0.3800
Android (android.graphics.Color)	4285221942 (0xFF6B4C36)
YUV	82.7610, -14.1792, 21.2576
Hunter-Lab	29.2592, 5.6159, 11.0556

# Details

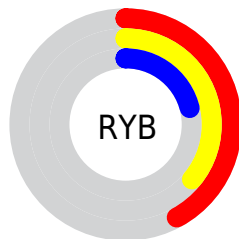
The Hex color **6B4C36** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **36556B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A07D65**, and **3A200A** is the 20% darker color. If you saturate the color by 10%, you get **6B462B**, and if you desaturate by 10%, it is **6B5241**.

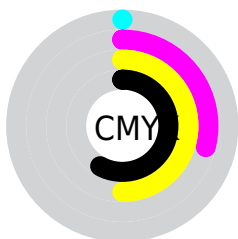
# Distribution



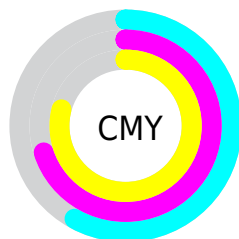
- Red (42%)
- Green (30%)
- Blue (21%)



- Red (42%)
- Yellow (36%)
- Blue (21%)



- Cyan (0%)
- Magenta (29%)
- Yellow (50%)
- Black (58%)



- Cyan (58%)
- Magenta (70%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B4C36 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 6B4C36 by changing the saturation by 10% instead.





6B4C36



6B4C36

FFFFFF



523520



A07D65



3A200A



BC977E



230A00



D8B298



000000



F5CDB3



FFE9CE



FFFFEB



6B4C36



6B4C36



6B462B



6B5241

■ 6B3F21

■ 6B594B

■ 6B3916

■ 6B5F56

■ 6B330B

■ 6B6561

■ 6B2D00

■ 6B6B6C

■ 6B2C00

■ 6B7276

■ 6B7881

■ 6B7E8C

■ 6B8496

# Harmonies

## Analogous

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



734742



6B4C36



5D5231

# Triad

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



6B4C36



235C53



554E6F

# Complementary

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



6B4C36



36556B

# 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.



3C5474



6B4C36



155B63

# Square

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



6B4C36



385A42



22596F



684963

# Rectangle

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



6B4C36



525533



22596F



4D5072



# Sweetspot

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



6B4C36



8C8077



6B3656



47403B



C7C7C7



474747



# Same Dimension

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



6B4C36



8C5C3A



6B6636



363230



753100



F56600



# Inverse Universe

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



36556B



3A6A8C



363B6B



303336



004575



008FF5



# Previews

## White Background



This preview shows how the Hex color 6B4C36 looks on a white background.

## Color Contrast Check

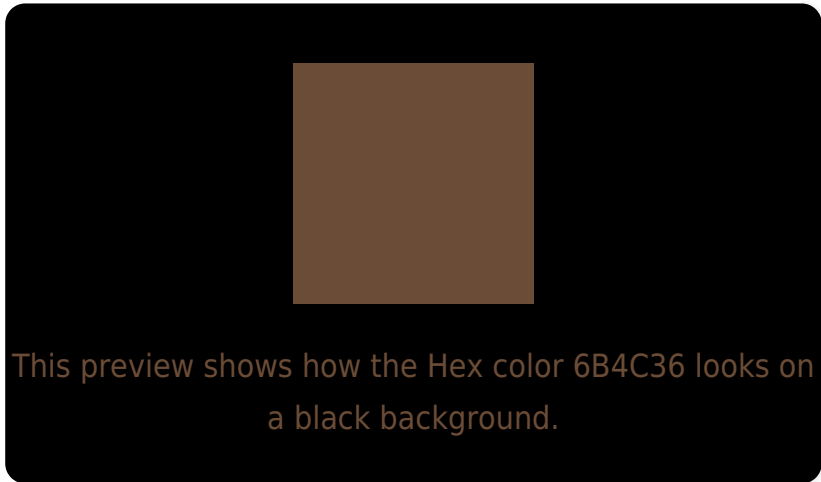
Large Text (above 18pt) WCAG AA ✓ Pass

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

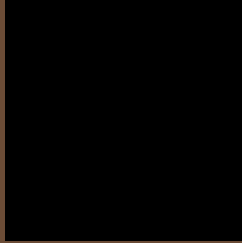
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B4C36 Background



This preview shows how black text looks on a background with the Hex color 6B4C36.

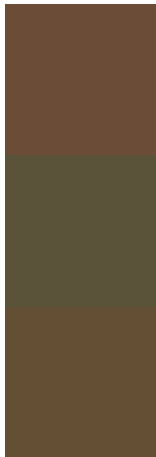


This preview shows how white text looks on a background with the Hex color 6B4C36.

# 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**  
6B4C36

**Protanopia**  
5A5339

**Deuteranopia**  
644F35



**Tritanopia**  
6D494E

# Trichromacy



**Original Color**  
6B4C36

**Protanomaly**  
605038

**Deuteranomaly**  
674E35

**Tritanomaly**  
6C4A45

# Monochromacy



**Original Color**  
6B4C36

**Achromatopsia**  
535353

**Achromatomaly**  
5C5048

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B4C36 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 #6B4C36 looks like.

```
.text, #text, p{  
    color:#6B4C36  
}
```

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 #6B4C36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4C36
}
```

## Border

The CSS property to change the border of an element to Hex 6B4C36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

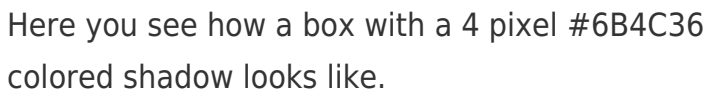
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B4C36 }
```

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

```
.border{ border-color:#6B4C36 }
```

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



Here you see how a box with a 4 pixel #6B4C36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4C36; -webkit-box-shadow:4px 4px  
4px 4px #6B4C36; box-shadow:4px 4px 4px  
4px #6B4C36 }
```

# Background

The CSS property to change the background color of an element to Hex 6B4C36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4C36 }
```

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

```
.background{ background-color:#6B4C36 }
```

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