

# Converting Colors

Hex(6B4E43)

Have a look what the booklet for  
Hex(6B4E43) contains.

<b>Hex(6B4E43)</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(6B4E43)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B4E43
RGB	107, 78, 67
RGB Percent	42%, 31%, 26%
CMY	0.5804, 0.6941, 0.7373
CMYK	0.00, 0.27, 0.37, 0.58
HSL	17°, 23%, 34%
HSV	17°, 37%, 42%
XYZ	9.8009, 8.9798, 6.5269
YIQ	85.4170, 20.8150, 2.7270

# Conversions

## Conversions Part 2

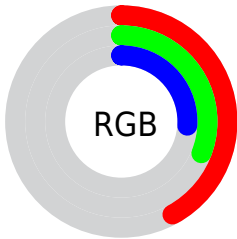
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 82, 67
Decimal	7032387
CIE Lab	35.95, 10.56, 11.29
CIE LCh	36, 15.460, 46.900
Yxy	8.9798, 0.3873, 0.3548
Android (android.graphics.Color)	4285222467 (0xFF6B4E43)
YUV	85.4170, -9.0796, 18.9283
Hunter-Lab	29.9664, 5.9398, 8.0626

# Details

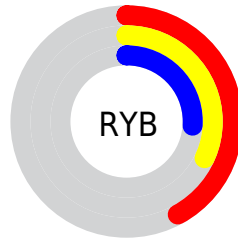
The Hex color **6B4E43** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **43606B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **9F7F73**, and **3A2218** is the 20% darker color. If you saturate the color by 10%, you get **6B4638**, and if you desaturate by 10%, it is **6B564E**.

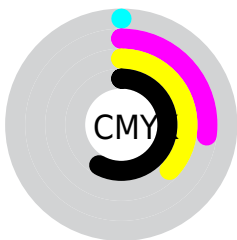
# Distribution



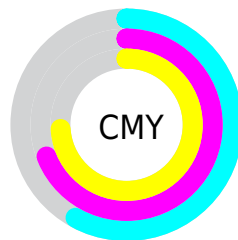
- Red (42%)
- Green (31%)
- Blue (26%)



- Red (42%)
- Yellow (32%)
- Blue (26%)



- Cyan (0%)
- Magenta (27%)
- Yellow (37%)
- Black (58%)



- Cyan (58%)
- Magenta (69%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B4E43 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 6B4E43 by changing the saturation by 10% instead.



6B4E43

6B4E43

FFFFFF

52372D

9F7F73

3A2218

BB998D

250C00

D7B4A7

000000

F3CFC2

FFECDE

FFFFFFB

6B4E43

6B4E43

6B4638

6B564E

 6B3E2E

 6B5E58

 6B3723

 6B6563

 6B2F18

 6B6D6E

 6B270D

 6B7579

 6B1F03

 6B7D83

 6B1D00

 6B848E

 6B8C99

 6B94A3

# Harmonies

## Analogous

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



6E4C4E



6B4E43



63523D

# Triad

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



6B4E43



3B5B4F



4F536C

# Complementary

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



6B4E43



43606B

# 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.



3E576C



6B4E43



315B5B

# Square

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



6B4E43



485943



325A66



5F4F66

# Rectangle

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



6B4E43



5B553C



325A66



49556D



# Sweetspot

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



6B4E43



8C817D



6B4360



47413E



C7C7C7



474747



# Same Dimension

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



6B4E43



8C5E4D



6B6243



363230



752000



F54300



# Inverse Universe

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



43606B



4D7B8C



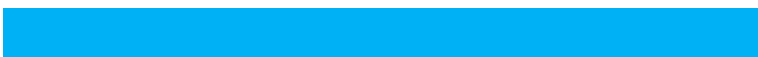
434C6B



303436



005575



00B1F5



# Previews

## White Background



This preview shows how the Hex color 6B4E43 looks on a white background.

## Color Contrast Check

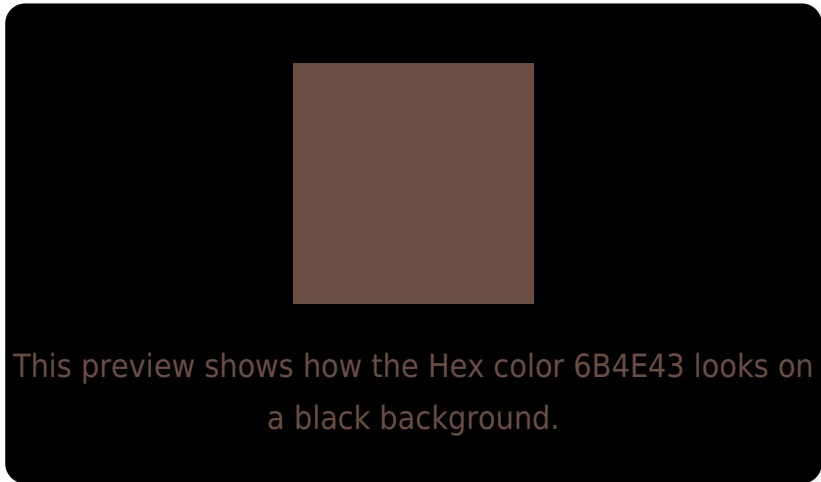
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B4E43 Background



This preview shows how black text looks on a background with the Hex color 6B4E43.

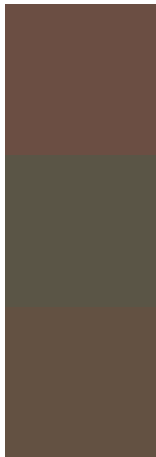


This preview shows how white text looks on a background with the Hex color 6B4E43.

# 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**  
6B4E43

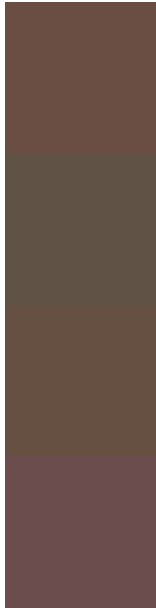
**Protanopia**  
5A5546

**Deuteranopia**  
635142



**Tritanopia**  
6C4C52

# Trichromacy



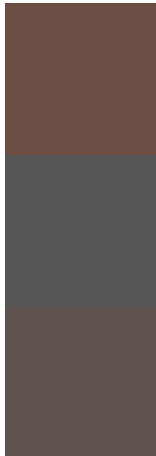
**Original Color**  
6B4E43

**Protanomaly**  
605245

**Deuteranomaly**  
665042

**Tritanomaly**  
6C4D4D

# Monochromacy



**Original Color**  
6B4E43

**Achromatopsia**  
555555

**Achromatomaly**  
5D524E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B4E43 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 #6B4E43 looks like.

```
.text, #text, p{  
    color:#6B4E43  
}
```

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 #6B4E43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4E43
}
```

## Border

The CSS property to change the border of an element to Hex 6B4E43 is called "border". The border property can be set on classes, ids or directly on the HTML element.

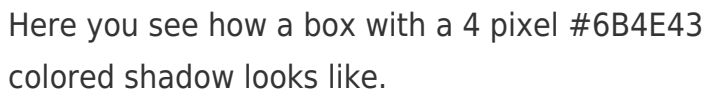
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B4E43 }
```

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

```
.border{ border-color:#6B4E43 }
```

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



Here you see how a box with a 4 pixel #6B4E43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4E43; -webkit-box-shadow:4px 4px  
4px 4px #6B4E43; box-shadow:4px 4px 4px  
4px #6B4E43 }
```

# Background

The CSS property to change the background color of an element to Hex 6B4E43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4E43 }
```

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

```
.background{ background-color:#6B4E43 }
```

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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