

Converting Colors

Hex(6E4B33)

Have a look what the booklet for
Hex(6E4B33) contains.

Hex(6E4B33)	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(6E4B33)

Conversions

Conversions Part 1

Format	Color
Hex	6E4B33
RGB	110, 75, 51
RGB Percent	43%, 29%, 20%
CMY	0.5686, 0.7059, 0.8000
CMYK	0.00, 0.32, 0.54, 0.57
HSL	24°, 37%, 32%
HSV	24°, 54%, 43%
XYZ	9.5440, 8.5862, 4.2862
YIQ	82.7290, 28.5640, -0.0440

Conversions

Conversions Part 2

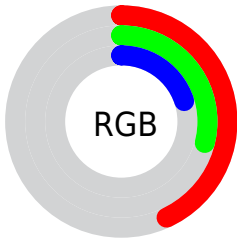
Format	Color
R _Y B	110, 91, 51
Decimal	7228211
CIE Lab	35.17, 11.82, 20.20
CIE LCh	35, 23.400, 59.669
Yxy	8.5862, 0.4258, 0.3830
Android (android.graphics.Color)	4285418291 (0xFF6E4B33)
YUV	82.7290, -15.6424, 23.9167
Hunter-Lab	29.3022, 6.8606, 11.8387

Details

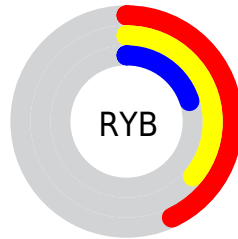
The Hex color **6E4B33** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **33566E**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A37C62**, and **3C1F06** is the 20% darker color. If you saturate the color by 10%, you get **6E4428**, and if you desaturate by 10%, it is **6E523E**.

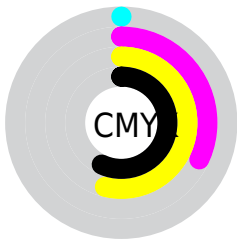
Distribution



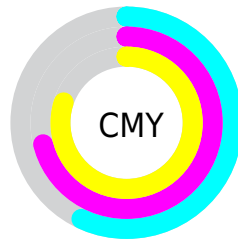
- Red (43%)
- Green (29%)
- Blue (20%)



- Red (43%)
- Yellow (36%)
- Blue (20%)



- Cyan (0%)
- Magenta (32%)
- Yellow (54%)
- Black (57%)



- Cyan (57%)
- Magenta (71%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E4B33 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 6E4B33 by changing the saturation by 10% instead.



6E4B33



6E4B33

FFFFFF



54341D



A37C62



3C1F06



BF967B



250900



DCB095



000000



F9CCAF



FFE8CB



FFFFE7



6E4B33



6E4B33



6E4428



6E523E

■ 6E3E1D

■ 6E5849

■ 6E3712

■ 6E5F54

■ 6E3107

■ 6E655F

■ 6E2D00

■ 6E6C6A

■ 6E7275

■ 6E7980

■ 6E7F8B

■ 6E8696

Harmonies

Analogous

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



764641



6E4B33



5F522D

Triad

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



6E4B33



1A5D52



544E73

Complementary

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



6E4B33



33566E

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.



375578



6E4B33



005C65

Square

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



6E4B33



355B3F



115A72



6A4766

Rectangle

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



6E4B33



53552F



115A72



4B5076

Sweetspot

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



6E4B33



8F8178



6E3356



473F3A



C7C7C7



474747

Same Dimension

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



6E4B33



8F5933



6E6833



383532



783100



F76500

Inverse Universe

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



33566E



336A8F



33396E



323638



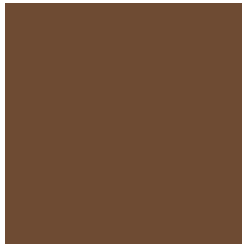
004778



0093F7

Previews

White Background



This preview shows how the Hex color 6E4B33 looks on a white background.

Color Contrast Check

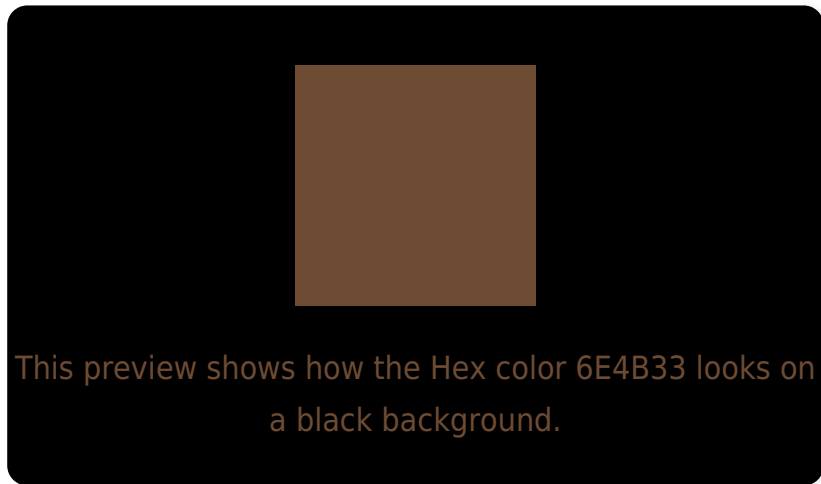
Large Text (above 18pt) WCAG AA ✓ Pass

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

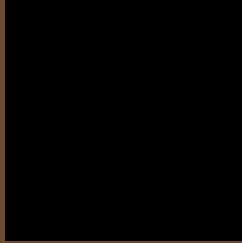
Any Text WCAG AA × Fail

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 6E4B33 Background



This preview shows how black text looks on a background with the Hex color 6E4B33.



This preview shows how white text looks on a background with the Hex color 6E4B33.

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
6E4B33

Protanopia
5A5336

Deuteranopia
654F32



Tritanopia
70484D

Trichromacy



Original Color
6E4B33

Protanomaly
615035

Deuteranomaly
684E32

Tritanomaly
6F4944

Monochromacy



Original Color
6E4B33

Achromatopsia
535353

Achromatomaly
5D5047

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E4B33 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 #6E4B33 looks like.

```
.text, #text, p{  
    color:#6E4B33  
}
```

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 #6E4B33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E4B33
}
```

Border

The CSS property to change the border of an element to Hex 6E4B33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

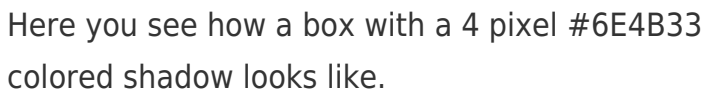
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E4B33 }
```

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

```
.border{ border-color:#6E4B33 }
```

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



Here you see how a box with a 4 pixel #6E4B33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E4B33; -webkit-box-shadow:4px 4px  
4px 4px #6E4B33; box-shadow:4px 4px 4px  
4px #6E4B33 }
```

Background

The CSS property to change the background color of an element to Hex 6E4B33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E4B33 }
```

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

```
.background{ background-color:#6E4B33 }
```

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