

# Converting Colors

Hex(6E452A)

Have a look what the booklet for  
Hex(6E452A) contains.

<b>Hex(6E452A)</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(6E452A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E452A
RGB	110, 69, 42
RGB Percent	43%, 27%, 16%
CMY	0.5686, 0.7294, 0.8353
CMYK	0.00, 0.37, 0.62, 0.57
HSL	24°, 45%, 30%
HSV	24°, 62%, 43%
XYZ	8.9764, 7.7384, 3.2110
YIQ	78.1810, 33.1030, 0.2950

# Conversions

## Conversions Part 2

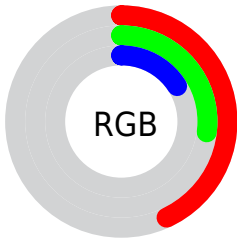
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 87, 42
Decimal	7226666
CIE <sub>Lab</sub>	33.43, 14.63, 23.44
CIE <sub>LCh</sub>	33, 27.627, 58.029
Yxy	7.7384, 0.4505, 0.3884
Android (android.graphics.Color)	4285416746 (0xFF6E452A)
YUV	78.1810, -17.8372, 27.9053
Hunter-Lab	27.8180, 8.9178, 12.6287

# Details

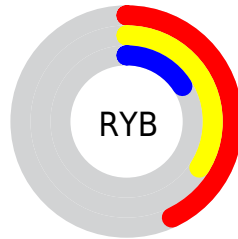
The Hex color **6E452A** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **2A536E**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **A47558**, and **3C1900** is the 20% darker color. If you saturate the color by 10%, you get **6E3E1F**, and if you desaturate by 10%, it is **6E4C35**.

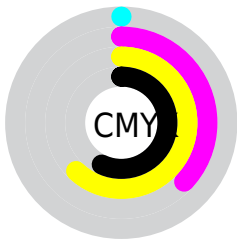
# Distribution



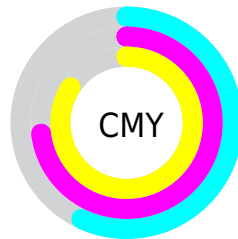
- Red (43%)
- Green (27%)
- Blue (16%)



- Red (43%)
- Yellow (34%)
- Blue (16%)



- Cyan (0%)
- Magenta (37%)
- Yellow (62%)
- Black (57%)



- Cyan (57%)
- Magenta (73%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E452A 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 6E452A by changing the saturation by 10% instead.



 6E452A

 6E452A

FFFFFF

 542E15

 A47558

 3C1900

 C08F71

 240100

 DDAA8A

 000000

 FAC5A5

 FFE1C0

 FFFEDC

 FFFFF8

 6E452A

 6E452A

■ 6E3E1F

■ 6E4C35

■ 6E3814

■ 6E5240

■ 6E3109

■ 6E594B

■ 6E2C00

■ 6E6056

■ 6E6661

■ 6E6D6C

■ 6E7377

■ 6E7A82

■ 6E818D

# Harmonies

## Analogous

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



773E3B



6E452A



5D4D22

# Triad

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



6E452A



005A4C



4E4975

# Complementary

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



6E452A



2A536E

# 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.



25517A



6E452A



005962

# Square

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



6E452A



2C5837



005773



684166

# Rectangle

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



6E452A



4F5124



005773



424C78



# Sweetspot

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



6E452A



8F7E74



6E2A54



473D37



C7C7C7



474747



# Same Dimension

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



6E452A



8F4F25



6E662A



383532



783000



F76200



# Inverse Universe

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



2A536E



25658F



2A326E



323638



004878



0095F7



# Previews

## White Background



This preview shows how the Hex color 6E452A looks on a white background.

## Color Contrast Check

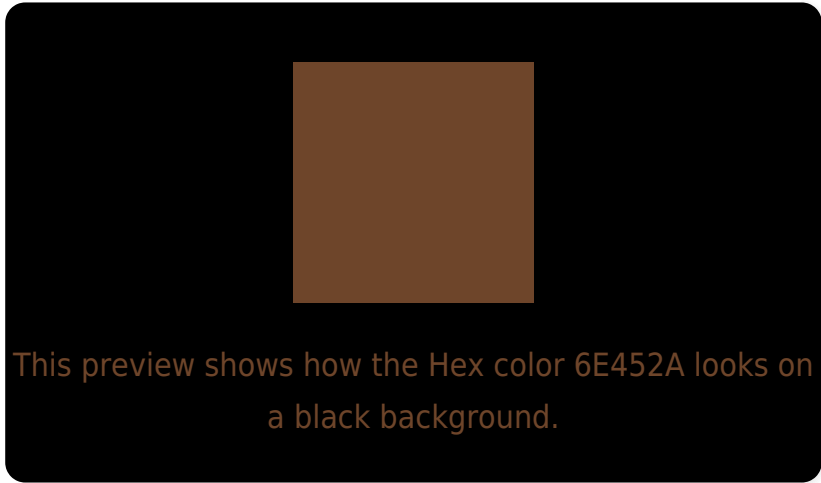
Large Text (above 18pt) WCAG AA ✓ Pass

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

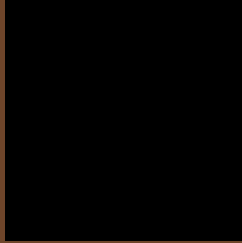
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E452A Background



This preview shows how black text looks on a background with the Hex color 6E452A.



This preview shows how white text looks on a background with the Hex color 6E452A.

# 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**  
6E452A

**Protanopia**  
574F2E

**Deuteranopia**  
614B29



**Tritanopia**  
704246

# Trichromacy



**Original Color**  
6E452A

**Protanomaly**  
5F4B2D

**Deuteranomaly**  
664929

**Tritanomaly**  
6F433C

# Monochromacy



**Original Color**  
6E452A

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
5A4B41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E452A 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 #6E452A looks like.

```
.text, #text, p{  
    color:#6E452A  
}
```

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 #6E452A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E452A
}
```

## Border

The CSS property to change the border of an element to Hex 6E452A is called "border". The border property can be set on classes, ids or directly on the HTML element.

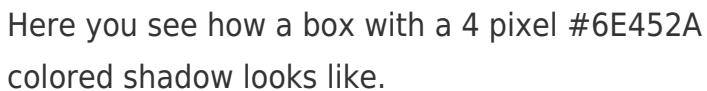
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E452A }
```

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

```
.border{ border-color:#6E452A }
```

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



Here you see how a box with a 4 pixel #6E452A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E452A; -webkit-box-shadow:4px 4px  
4px 4px #6E452A; box-shadow:4px 4px 4px  
4px #6E452A }
```

# Background

The CSS property to change the background color of an element to Hex 6E452A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E452A }
```

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

```
.background{ background-color:#6E452A }
```

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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