

# Converting Colors

Hex(6E4D1A)

Have a look what the booklet for  
Hex(6E4D1A) contains.

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**Color**

**Hex(6E4D1A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E4D1A
RGB	110, 77, 26
RGB Percent	43%, 30%, 10%
CMY	0.5686, 0.6980, 0.8980
CMYK	0.00, 0.30, 0.76, 0.57
HSL	36°, 62%, 27%
HSV	36°, 76%, 43%
XYZ	9.2707, 8.6973, 2.1674
YIQ	81.0530, 36.0390, -8.8650

# Conversions

## Conversions Part 2

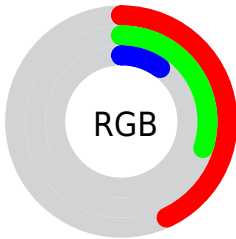
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 110, 26
Decimal	7228698
CIELab	35.39, 8.63, 34.41
CIElCh	35, 35.474, 75.921
Yxy	8.6973, 0.4604, 0.4319
Android (android.graphics.Color)	4285418778 (0xFF6E4D1A)
YUV	81.0530, -27.1411, 25.3865
Hunter-Lab	29.4912, 4.5028, 16.2864

# Details

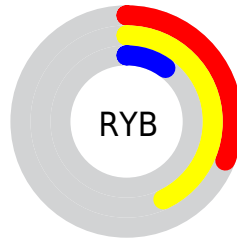
The Hex color **6E4D1A** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1A3B6E**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **A57E49**, and **3B2100** is the 20% darker color. If you saturate the color by 10%, you get **6E490F**, and if you desaturate by 10%, it is **6E5125**.

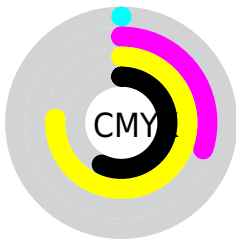
# Distribution



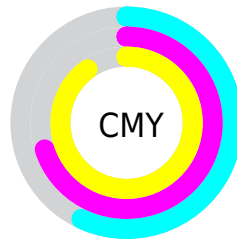
- Red (43%)
- Green (30%)
- Blue (10%)



- Red (31%)
- Yellow (43%)
- Blue (10%)



- Cyan (0%)
- Magenta (30%)
- Yellow (76%)
- Black (57%)



- Cyan (57%)
- Magenta (70%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E4D1A 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 6E4D1A by changing the saturation by 10% instead.



 6E4D1A

 6E4D1A

FFFFFF

 543601

 A57E49

 3B2100

 C19861

 220C00

 DEB27B

 000000

 FBCE95

 FFEAB0

 FFFFCB

 FFFFEE8

 6E4D1A

 6E4D1A

■ 6E490F

■ 6E5125

■ 6E4404

■ 6E5630

■ 6E4300

■ 6E5A3B

■ 6E5E46

■ 6E6351

■ 6E675C

■ 6E6B67

■ 6E7072

■ 6E747D

# Harmonies

## Analogous

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



80422C



6E4D1A



545619

# Triad

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



6E4D1A



006162



68457B

# Complementary

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



6E4D1A



1A3B6E

# 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.



3C518A



6E4D1A



005F7B

# Square

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



6E4D1A



006044



005A8A



803C62

# Rectangle

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



6E4D1A



405B23



005A8A



5C4981



# Sweetspot

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



6E4D1A



8F826E



6E1A3C



474033



C7C7C7



474747



# Same Dimension

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



6E4D1A



8F5B0B



666E1A



383632



784900



F79600



# Inverse Universe

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



1A3B6E



0B3F8F



221A6E



323538



002F78



0061F7



# Previews

## White Background



This preview shows how the Hex color 6E4D1A looks on a white background.

## Color Contrast Check

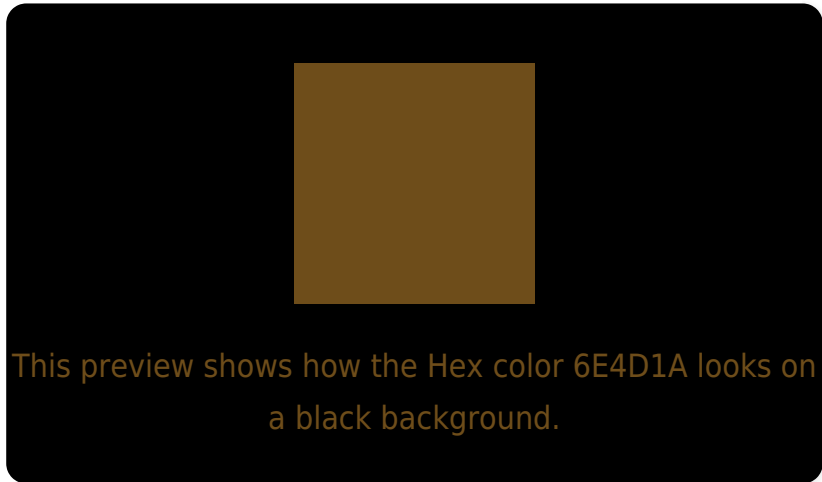
Large Text (above 18pt) WCAG AA ✓ Pass

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 6E4D1A Background



This preview shows how black text looks on a background with the Hex color 6E4D1A.



This preview shows how white text looks on a background with the Hex color 6E4D1A.

# 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**  
6E4D1A

**Protanopia**  
5E541C

**Deuteranopia**  
694F19



**Tritanopia**  
71484D

# Trichromacy



**Original Color**  
6E4D1A

**Protanomaly**  
64511B

**Deuteranomaly**  
6B4E19

**Tritanomaly**  
704A3A

# Monochromacy



**Original Color**  
6E4D1A

**Achromatopsia**  
515151

**Achromatomaly**  
5C503D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E4D1A 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 #6E4D1A looks like.

```
.text, #text, p{  
    color:#6E4D1A  
}
```

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 #6E4D1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E4D1A
}
```

## Border

The CSS property to change the border of an element to Hex 6E4D1A is called "border". The border property can be set on classes, ids or directly on the HTML element.

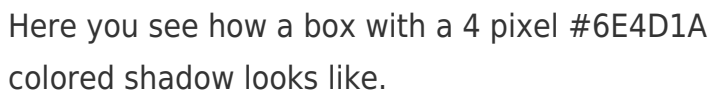
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E4D1A }
```

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

```
.border{ border-color:#6E4D1A }
```

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



Here you see how a box with a 4 pixel #6E4D1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E4D1A; -webkit-box-shadow:4px 4px  
4px 4px #6E4D1A; box-shadow:4px 4px 4px  
4px #6E4D1A }
```

# Background

The CSS property to change the background color of an element to Hex 6E4D1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E4D1A }
```

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

```
.background{ background-color:#6E4D1A }
```

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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