

# Converting Colors

Hex(4E6E1D)

Have a look what the booklet for  
Hex(4E6E1D) contains.

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# Color

**Hex(4E6E1D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E6E1D
RGB	78, 110, 29
RGB Percent	31%, 43%, 11%
CMY	0.6941, 0.5686, 0.8863
CMYK	0.29, 0.00, 0.74, 0.57
HSL	84°, 58%, 27%
HSV	84°, 74%, 43%
XYZ	8.9396, 12.8603, 3.1735
YIQ	91.1980, 6.9290, -31.9750

# Conversions

## Conversions Part 2

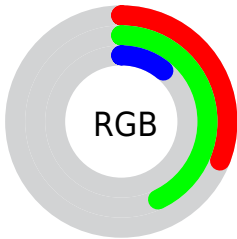
Format	Color
<b>R<sub>YB</sub></b>	29, 110, 61
Decimal	5139997
CIE Lab	42.55, -24.99, 39.40
CIE LCh	43, 46.661, 122.388
Yxy	12.8603, 0.3580, 0.5150
Android (android.graphics.Color)	4283330077 (0xFF4E6E1D)
YUV	91.1980, -30.6636, -11.5746
Hunter-Lab	35.8612, -18.2601, 19.8560

# Details

The Hex color **4E6E1D** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3D1D6E**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **82A24E**, and **1E3E00** is the 20% darker color. If you saturate the color by 10%, you get **4A6E12**, and if you desaturate by 10%, it is **526E28**.

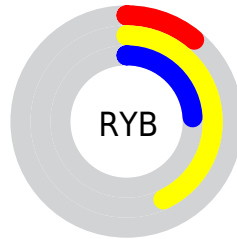
# Distribution



Red (31%)

Green (43%)

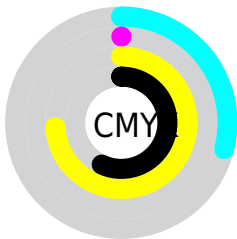
Blue (11%)



Red (11%)

Yellow (43%)

Blue (24%)

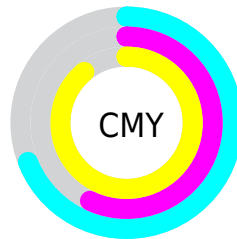


Cyan (29%)

Magenta (0%)

Yellow (74%)

Black (57%)



Cyan (69%)

Magenta (57%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E6E1D 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 4E6E1D by changing the saturation by 10% instead.





4E6E1D



4E6E1D

FFFFFF



355501



82A24E



1E3E00



9DBD68



002800



B8D982



001000



D5F59C



000000



F1FFB8



FFFFD4



FFFFFF0



4E6E1D



4E6E1D

■ 4A6E12

■ 526E28

■ 456E07

■ 576E33

■ 436E00

■ 5B6E3E

■ 5F6E49

■ 646E54

■ 686E5F

■ 6C6E6A

■ 716E75

■ 756E80

# Harmonies

## Analogous

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



75640B



4E6E1D



00743F

# Triad

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



4E6E1D



0072A8



A93F63

# Complementary

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



4E6E1D



3D1D6E

# 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.



954889



4E6E1D



0068B2

# Square

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



4E6E1D



00768D



6959A6



A7463D

# Rectangle

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



4E6E1D



007659



6959A6



A54070



# Sweetspot

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



4E6E1D



828F6F



6E3C1D



404735



C7C7C7



474747



# Same Dimension

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



4E6E1D



5D8F11



266E1D



363832



497800



96F700



# Inverse Universe

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



3D1D6E



43118F



651D6E



353238



2F0078



6200F7



# Previews

## White Background



This preview shows how the Hex color 4E6E1D looks on a white background.

## Color Contrast Check

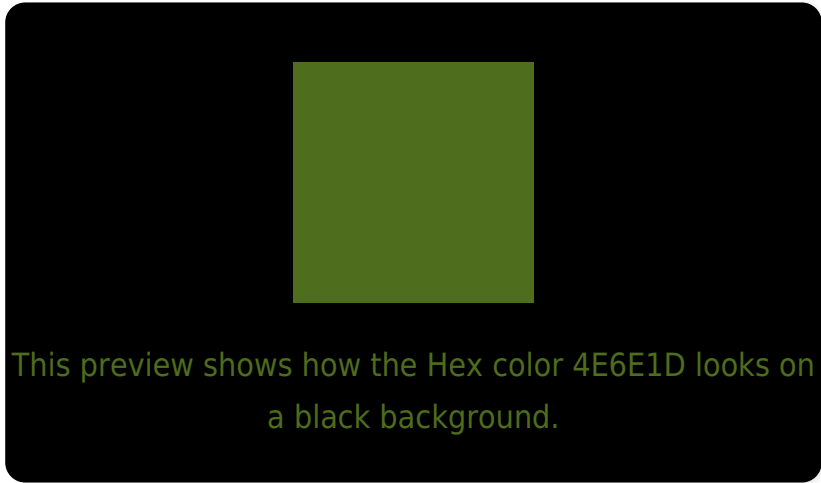
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

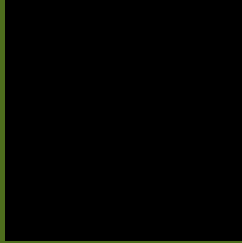
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E6E1D Background



This preview shows how black text looks on a background with the Hex color 4E6E1D.



This preview shows how white text looks on a background with the Hex color 4E6E1D.

# 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](#).

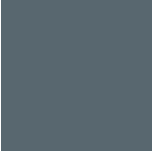
## Dichromacy



**Original Color**  
4E6E1D

**Protanopia**  
70641B

**Deuteranopia**  
7D5F23

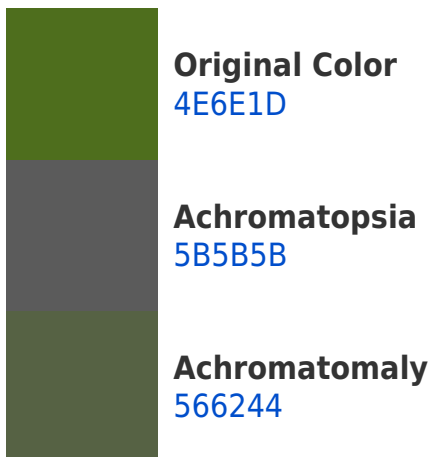


**Tritanopia**  
58676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E6E1D 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 #4E6E1D looks like.

```
.text, #text, p{  
    color:#4E6E1D  
}
```

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 #4E6E1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6E1D
}
```

## Border

The CSS property to change the border of an element to Hex 4E6E1D 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".

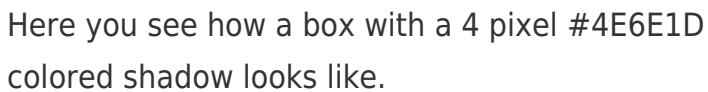
```
.border, #border, table{ border:4px solid
#4E6E1D }
```

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

```
.border{ border-color:#4E6E1D }
```

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

Here you see how a box with a 4 pixel #4E6E1D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6E1D; -webkit-box-shadow:4px 4px  
4px 4px #4E6E1D; box-shadow:4px 4px 4px  
4px #4E6E1D }
```

# Background

The CSS property to change the background color of an element to Hex 4E6E1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6E1D }
```

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

```
.background{ background-color:#4E6E1D }
```

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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