

# Converting Colors

Hex(4B6E2E)

Have a look what the booklet for  
Hex(4B6E2E) contains.

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# Color

Hex(4B6E2E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B6E2E
RGB	75, 110, 46
RGB Percent	29%, 43%, 18%
CMY	0.7059, 0.5686, 0.8196
CMYK	0.32, 0.00, 0.58, 0.57
HSL	93°, 41%, 31%
HSV	93°, 58%, 43%
XYZ	8.9707, 12.8450, 4.5913
YIQ	92.2390, -0.3160, -27.3240

# Conversions

## Conversions Part 2

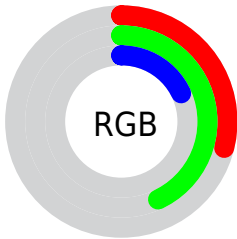
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 110, 81
Decimal	4943406
CIELab	42.53, -24.63, 31.30
CIELCh	43, 39.828, 128.200
Yxy	12.8450, 0.3397, 0.4864
Android (android.graphics.Color)	4283133486 (0xFF4B6E2E)
YUV	92.2390, -22.7958, -15.1186
Hunter-Lab	35.8399, -18.0412, 17.4925

# Details

The Hex color **4B6E2E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **512E6E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7EA25E**, and **1B3E00** is the 20% darker color. If you saturate the color by 10%, you get **456E23**, and if you desaturate by 10%, it is **516E39**.

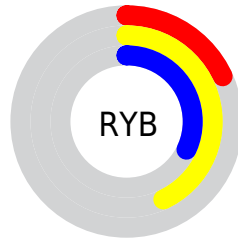
# Distribution



Red (29%)

Green (43%)

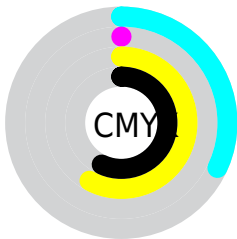
Blue (18%)



Red (18%)

Yellow (43%)

Blue (32%)

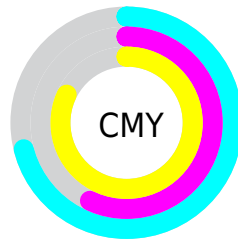


Cyan (32%)

Magenta (0%)

Yellow (58%)

Black (57%)



Cyan (71%)

Magenta (57%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B6E2E 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 4B6E2E by changing the saturation by 10% instead.



■ 4B6E2E

■ 4B6E2E

FFFFFF

■ 335517

■ 7EA25E

■ 1B3E00

■ 98BD77

■ 012800

■ B4D991

■ 001000

■ D0F5AC

■ 000000

■ ECFFC8

■ FFFFE4

■ 4B6E2E

■ 4B6E2E

■ 456E23

■ 516E39

■ 3F6E18

■ 576E44

■ 396E0D

■ 5D6E4F

■ 336E02

■ 636E5A

■ 326E00

■ 696E65

■ 6F6E70

■ 756E7B

■ 7B6E86

■ 816E91

# Harmonies

## Analogous

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



6E661F



4B6E2E



10734B

# Triad

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



4B6E2E



006EA1



A1475D

# Complementary

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



4B6E2E



512E6E

# 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.



934C7E



4B6E2E



3765A5

# Square

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



4B6E2E



00738C



725898



9C4E3D

# Rectangle

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



4B6E2E



007461



725898



9E4768



# Sweetspot

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



4B6E2E



828F77



6E502E



404739



C7C7C7



474747



# Same Dimension

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



4B6E2E



588F2B



2E6E30



353832



367800



70F700



# Inverse Universe

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



512E6E



622B8F



6E2E6C



363238



420078



8700F7



# Previews

## White Background



This preview shows how the Hex color 4B6E2E looks on a white background.

## Color Contrast Check

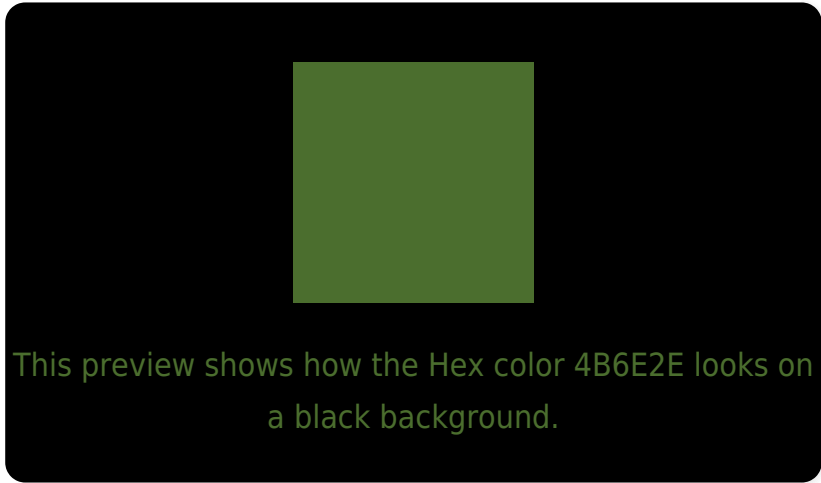
Large Text (above 18pt) WCAG AA ✓ Pass

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

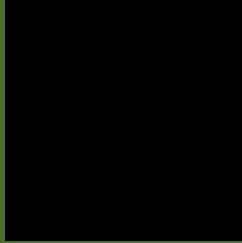
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B6E2E Background



This preview shows how black text looks on a background with the Hex color 4B6E2E.



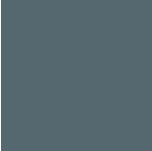
This preview shows how white text looks on a background with the Hex color 4B6E2E.

# 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



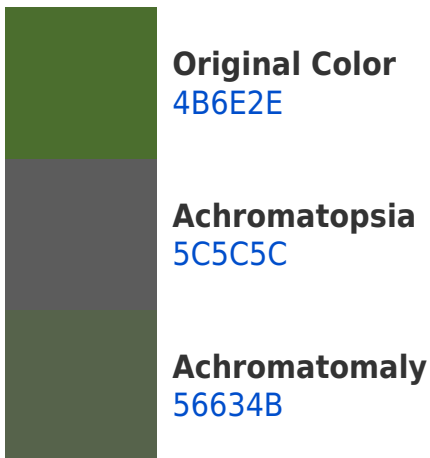


**Tritanopia**  
55676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B6E2E 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 #4B6E2E looks like.

```
.text, #text, p{  
    color:#4B6E2E  
}
```

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 #4B6E2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6E2E
}
```

## Border

The CSS property to change the border of an element to Hex 4B6E2E 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".

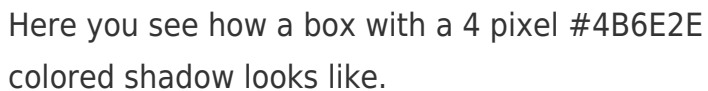
```
.border, #border, table{ border:4px solid
#4B6E2E }
```

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

```
.border{ border-color:#4B6E2E }
```

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

Here you see how a box with a 4 pixel #4B6E2E colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6E2E; -webkit-box-shadow:4px 4px  
4px 4px #4B6E2E; box-shadow:4px 4px 4px  
4px #4B6E2E }
```

# Background

The CSS property to change the background color of an element to Hex 4B6E2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6E2E }
```

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

```
.background{ background-color:#4B6E2E }
```

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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