

Converting Colors

Hex(4E803B)

Have a look what the booklet for
Hex(4E803B) contains.

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Color

Hex(4E803B)

Conversions

Conversions Part 1

Format	Color
Hex	4E803B
RGB	78, 128, 59
RGB Percent	31%, 50%, 23%
CMY	0.6941, 0.4980, 0.7686
CMYK	0.39, 0.00, 0.54, 0.50
HSL	103°, 37%, 37%
HSV	103°, 54%, 50%
XYZ	11.6505, 17.3738, 6.8771
YIQ	105.1840, -7.6510, -32.0590

Conversions

Conversions Part 2

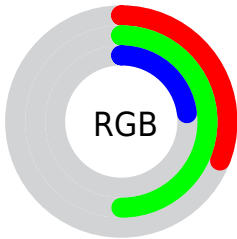
Format	Color
RYB	59, 128, 109
Decimal	5144635
CIELab	48.73, -30.63, 31.95
CIELCh	49, 44.258, 133.786
Yxy	17.3738, 0.3245, 0.4839
Android (android.graphics.Color)	4283334715 (0xFF4E803B)
YUV	105.1840, -22.7687, -23.8404
Hunter-Lab	41.6819, -23.0509, 19.3951

Details

The Hex color **4E803B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6D3B80**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **82B56C**, and **1B4E0B** is the 20% darker color. If you saturate the color by 10%, you get **45802E**, and if you desaturate by 10%, it is **578048**.

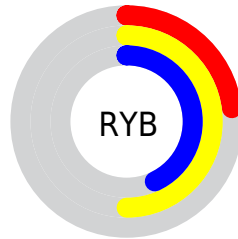
Distribution



Red (31%)

Green (50%)

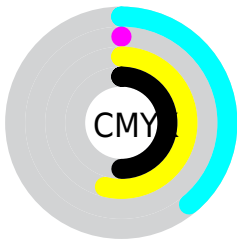
Blue (23%)



Red (23%)

Yellow (50%)

Blue (43%)

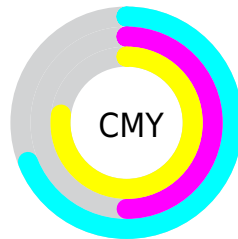


Cyan (39%)

Magenta (0%)

Yellow (54%)

Black (50%)



Cyan (69%)

Magenta (50%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E803B 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 4E803B by changing the saturation by 10% instead.



4E803B



4E803B

FFFFFF



356723



82B56C



1B4E0B



9DD186



013700



B8EDA0



002300



D5FFBC



000000



F1FFD8



FFFFFF4



4E803B



4E803B



45802E



578048

 3B8021

 618055

 328015

 6A8061

 298008

 73806E

 238000

 7C807B

 868088

 8F8095

 9880A1

 A180AE

Harmonies

Analogous

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



787726



4E803B



00855E

Triad

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



4E803B



007EBB



B95364

Complementary

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



4E803B



6D3B80

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.



AE558A



4E803B



5072BD

Square

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



4E803B



0084A7



8C63AA



B15C42

Rectangle

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



4E803B



008677



8C63AA



B85270

Sweetspot

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



4E803B



93A68B



806C3B



495444



D4D4D4



545454

Same Dimension

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



4E803B



58A63A



3B804A



3B4039



238000



000000

Inverse Universe

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



6D3B80



883AA6



803B71



3E3940



5C0080



000000

Previews

White Background



This preview shows how the Hex color 4E803B looks on a white background.

Color Contrast Check

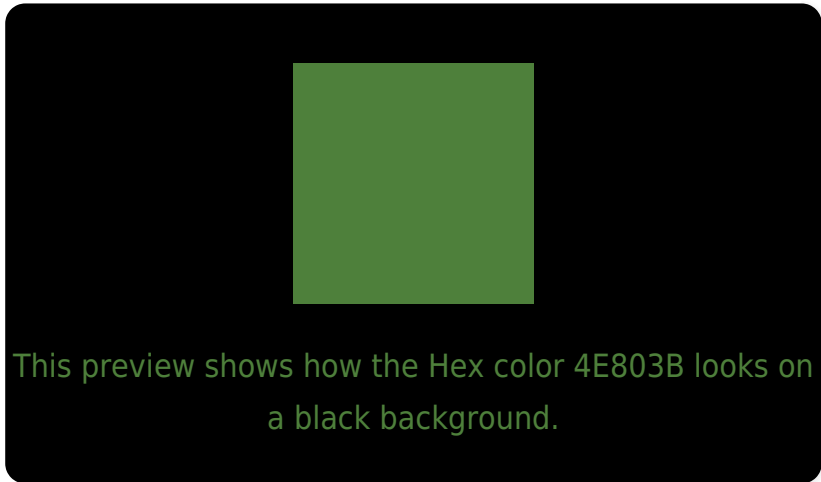
Large Text (above 18pt) WCAG AA ✓ Pass

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

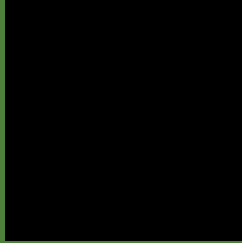
Any Text WCAG AA × Fail

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 4E803B Background



This preview shows how black text looks on a background with the Hex color 4E803B.



This preview shows how white text looks on a background with the Hex color 4E803B.

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](#).

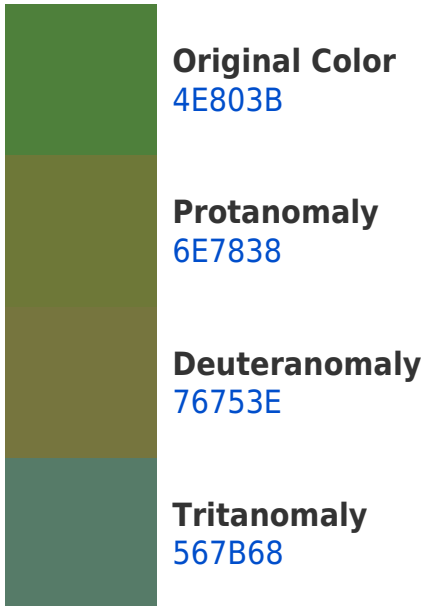
Dichromacy



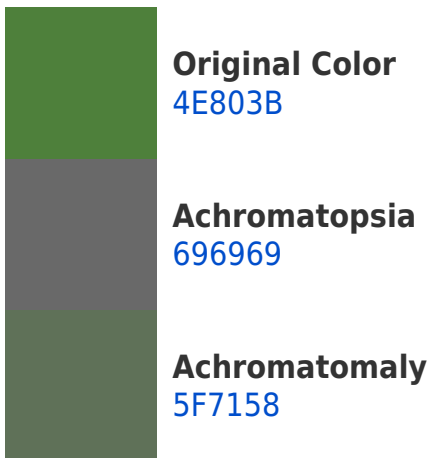


Tritanopia
5A7882

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E803B 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 #4E803B looks like.

```
.text, #text, p{  
    color:#4E803B  
}
```

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 #4E803B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E803B
}
```

Border

The CSS property to change the border of an element to Hex 4E803B 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".

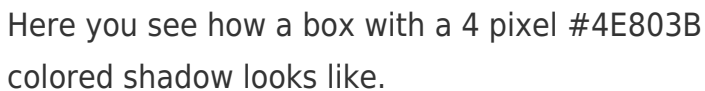
```
.border, #border, table{ border:4px solid
#4E803B }
```

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

```
.border{ border-color:#4E803B }
```

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

Here you see how a box with a 4 pixel #4E803B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E803B; -webkit-box-shadow:4px 4px  
4px 4px #4E803B; box-shadow:4px 4px 4px  
4px #4E803B }
```

Background

The CSS property to change the background color of an element to Hex 4E803B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E803B }
```

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

```
.background{ background-color:#4E803B }
```

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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