

Converting Colors

Hex(4E763E)

Have a look what the booklet for
Hex(4E763E) contains.

Hex(4E763E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4E763E)

Conversions

Conversions Part 1

Format	Color
Hex	4E763E
RGB	78, 118, 62
RGB Percent	31%, 46%, 24%
CMY	0.6941, 0.5373, 0.7569
CMYK	0.34, 0.00, 0.47, 0.54
HSL	103°, 31%, 35%
HSV	103°, 47%, 46%
XYZ	10.4898, 14.9244, 6.8852
YIQ	99.6560, -5.8640, -25.8960

Conversions

Conversions Part 2

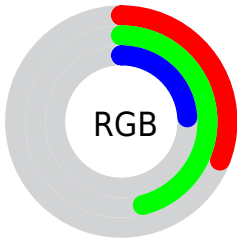
Format	Color
RYB	62, 118, 102
Decimal	5142078
CIELab	45.53, -25.38, 26.41
CIElCh	46, 36.627, 133.866
Yxy	14.9244, 0.3248, 0.4621
Android (android.graphics.Color)	4283332158 (0xFF4E763E)
YUV	99.6560, -18.5644, -18.9923
Hunter-Lab	38.6321, -19.1378, 16.4754

Details

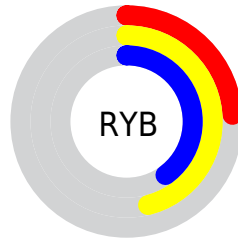
The Hex color **4E763E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **663E76**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **81AA6F**, and **1D4511** is the 20% darker color. If you saturate the color by 10%, you get **467632**, and if you desaturate by 10%, it is **56764A**.

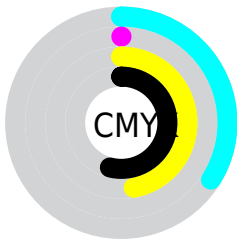
Distribution



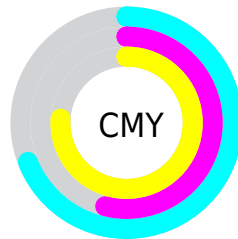
- Red (31%)
- Green (46%)
- Blue (24%)



- Red (24%)
- Yellow (46%)
- Blue (40%)



- Cyan (34%)
- Magenta (0%)
- Yellow (47%)
- Black (54%)



- Cyan (69%)
- Magenta (54%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E763E 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 4E763E by changing the saturation by 10% instead.

 4E763E

 4E763E

FFFFFF

 365D27

 81AA6F

 1D4511

 9CC688

 072E00

 B7E2A3

 001C00

 D3FFBE

 000000

 EFFFDA

 FFFFF7

 4E763E

 4E763E

 467632

 56764A

■ 3D7626

■ 5F7656

■ 35761B

■ 677661

■ 2C760F

■ 70766D

■ 247603

■ 787679

■ 227600

■ 817685

■ 897691

■ 91769C

■ 9A76A8

Harmonies

Analogous

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



706F2E



4E763E



1B7A5A

Triad

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



4E763E



0074A6



A5525F

Complementary

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



4E763E



663E76

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.



9C547E



4E763E



526AA7

Square

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



4E763E



007995



805E98



9F5943

Rectangle

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



4E763E



007B6F



805E98



A45269

Sweetspot

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



4E763E



8A9984



76653E



434D3F



CCCCCC



4D4D4D

Same Dimension

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



4E763E



5B9942



3E7649



363B35



237A00



47FA00

Inverse Universe

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



663E76



804299



763E6B



39353B



57007A



B300FA

Previews

White Background



This preview shows how the Hex color 4E763E looks on a white background.

Color Contrast Check

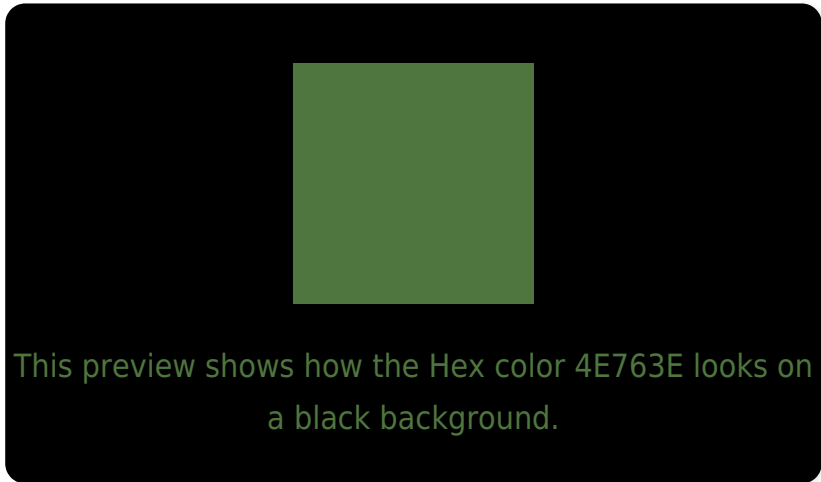
Large Text (above 18pt) WCAG AA ✓ Pass

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

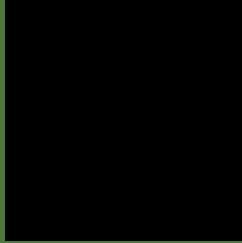
Any Text WCAG AA × Fail

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 4E763E Background



This preview shows how black text looks on a background with the Hex color 4E763E.



This preview shows how white text looks on a background with the Hex color 4E763E.

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
4E763E

Protanopia
766B3A

Deuteranopia
826742



Tritanopia
586F78

Trichromacy



Original Color
4E763E

Protanomaly
676F3B

Deuteranomaly
6F6C41

Tritanomaly
547263

Monochromacy



Original Color
4E763E

Achromatopsia
646464

Achromatomaly
5C6B56

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E763E 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 #4E763E looks like.

```
.text, #text, p{  
    color:#4E763E  
}
```

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 #4E763E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E763E
}
```

Border

The CSS property to change the border of an element to Hex 4E763E 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".

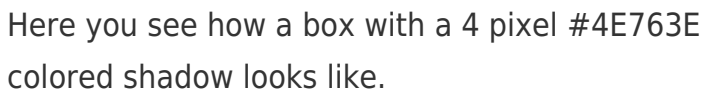
```
.border, #border, table{ border:4px solid
#4E763E }
```

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

```
.border{ border-color:#4E763E }
```

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

Here you see how a box with a 4 pixel #4E763E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E763E; -webkit-box-shadow:4px 4px  
4px 4px #4E763E; box-shadow:4px 4px 4px  
4px #4E763E }
```

Background

The CSS property to change the background color of an element to Hex 4E763E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E763E }
```

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

```
.background{ background-color:#4E763E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor