

Converting Colors

Hex(4E683E)

Have a look what the booklet for
Hex(4E683E) contains.

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Color

Hex(4E683E)

Conversions

Conversions Part 1

Format	Color
Hex	4E683E
RGB	78, 104, 62
RGB Percent	31%, 41%, 24%
CMY	0.6941, 0.5922, 0.7569
CMYK	0.25, 0.00, 0.40, 0.59
HSL	97°, 25%, 33%
HSV	97°, 40%, 41%
XYZ	8.9617, 11.8681, 6.3759
YIQ	91.4380, -2.0140, -18.5740

Conversions

Conversions Part 2

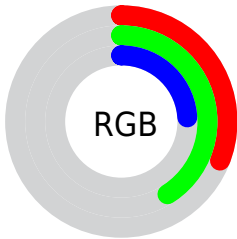
Format	Color
RYB	62, 104, 88
Decimal	5138494
CIELab	41.01, -18.14, 20.62
CIELCh	41, 27.465, 131.340
Yxy	11.8681, 0.3294, 0.4362
Android (android.graphics.Color)	4283328574 (0xFF4E683E)
YUV	91.4380, -14.5129, -11.7851
Hunter-Lab	34.4502, -13.8536, 13.1420

Details

The Hex color **4E683E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **583E68**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **809B6E**, and **203912** is the 20% darker color. If you saturate the color by 10%, you get **486834**, and if you desaturate by 10%, it is **546848**.

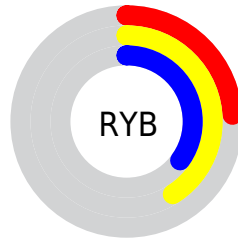
Distribution



Red (31%)

Green (41%)

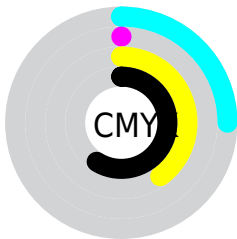
Blue (24%)



Red (24%)

Yellow (41%)

Blue (35%)

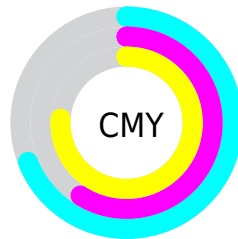


Cyan (25%)

Magenta (0%)

Yellow (40%)

Black (59%)



Cyan (69%)

Magenta (59%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E683E 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 4E683E by changing the saturation by 10% instead.



4E683E



4E683E

FFFFFF



365028



809B6E



203912



9AB688



0C2300



B5D2A2



000700



D1EEBD



000000



EEFFD9



FFFFFF6



4E683E



4E683E



486834



546848

416829

5B6853

3B681F

61685D

346814

686868

2E680A

6E6872

286800

75687C

7B6887

826891

88689C

Harmonies

Analogous

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



676234



4E683E



316C52

Triad

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



4E683E



21678B



8C4F59

Complementary

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



4E683E



583E68

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.



835170



4E683E



4D608D

Square

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



4E683E



006B7E



6E5883



885344

Rectangle

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



4E683E



166D61



6E5883



8B4F61

Sweetspot

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



4E683E



7D8777



68583E



3F453B



C4C4C4



454545

Same Dimension

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



4E683E



5F8746



3E6843



30332E



2C7300



5CF200

Inverse Universe

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



583E68



6E4687



683E63



312E33



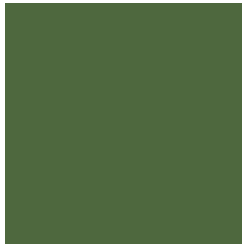
470073



9600F2

Previews

White Background



This preview shows how the Hex color 4E683E looks on a white background.

Color Contrast Check

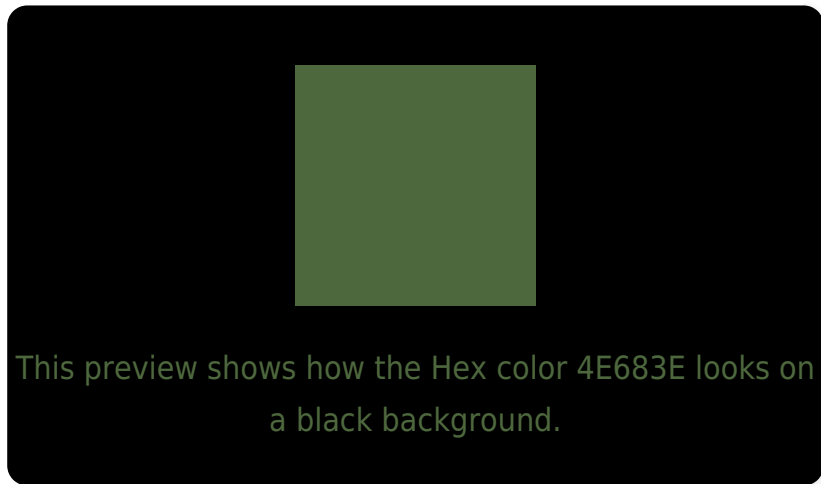
Large Text (above 18pt) WCAG AA ✓ Pass

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

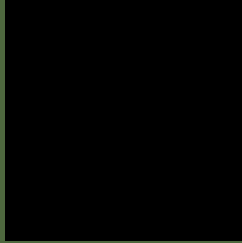
Any Text WCAG AA × Fail

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 4E683E Background



This preview shows how black text looks on a background with the Hex color 4E683E.



This preview shows how white text looks on a background with the Hex color 4E683E.

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
4E683E

Protanopia
69603B

Deuteranopia
745C41



Tritanopia
55636B

Trichromacy



Original Color
4E683E

Protanomaly
5F633C

Deuteranomaly
666040

Tritanomaly
52655B

Monochromacy



Original Color
4E683E

Achromatopsia
5B5B5B

Achromatomaly
566050

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E683E 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 #4E683E looks like.

```
.text, #text, p{  
    color:#4E683E  
}
```

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 #4E683E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E683E
}
```

Border

The CSS property to change the border of an element to Hex 4E683E 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".

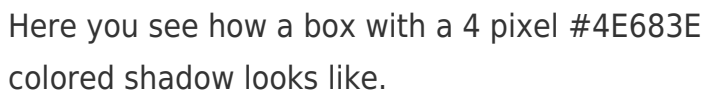
```
.border, #border, table{ border:4px solid
#4E683E }
```

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

```
.border{ border-color:#4E683E }
```

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

Here you see how a box with a 4 pixel #4E683E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E683E; -webkit-box-shadow:4px 4px  
4px 4px #4E683E; box-shadow:4px 4px 4px  
4px #4E683E }
```

Background

The CSS property to change the background color of an element to Hex 4E683E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E683E }
```

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

```
.background{ background-color:#4E683E }
```

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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