

Converting Colors

Hex(4E693F)

Have a look what the booklet for
Hex(4E693F) contains.

Hex(4E693F)	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(4E693F)

Conversions

Conversions Part 1

Format	Color
Hex	4E693F
RGB	78, 105, 63
RGB Percent	31%, 41%, 25%
CMY	0.6941, 0.5882, 0.7529
CMYK	0.26, 0.00, 0.40, 0.59
HSL	99°, 25%, 33%
HSV	99°, 40%, 41%
XYZ	9.0907, 12.0817, 6.5555
YIQ	92.1390, -2.6100, -18.7860

Conversions

Conversions Part 2

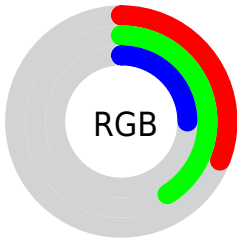
Format	Color
RYB	63, 105, 90
Decimal	5138751
CIELab	41.35, -18.52, 20.48
CIELCh	41, 27.616, 132.117
Yxy	12.0817, 0.3279, 0.4357
Android (android.graphics.Color)	4283328831 (0xFF4E693F)
YUV	92.1390, -14.3655, -12.3999
Hunter-Lab	34.7588, -14.1438, 13.1491

Details

The Hex color **4E693F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5A3F69**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **809C6F**, and **203A13** is the 20% darker color. If you saturate the color by 10%, you get **476935**, and if you desaturate by 10%, it is **55694A**.

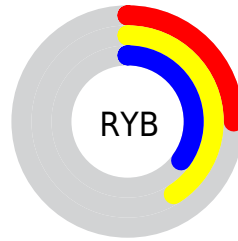
Distribution



Red (31%)

Green (41%)

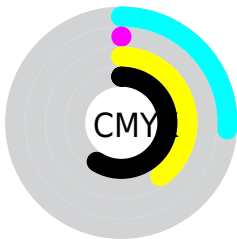
Blue (25%)



Red (25%)

Yellow (41%)

Blue (35%)

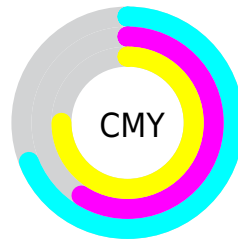


Cyan (26%)

Magenta (0%)

Yellow (40%)

Black (59%)



Cyan (69%)

Magenta (59%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E693F 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 4E693F by changing the saturation by 10% instead.



4E693F



4E693F

FFFFFF



365129



809C6F



203A13



9AB789



0D2400



B5D3A3



000900



D1EFBE



000000



EEFFDA



FFFFFF7



4E693F



4E693F



476935



55694A

■ 41692A

■ 5C6954

■ 3A6920

■ 62695F

■ 336915

■ 696969

■ 2C690A

■ 706974

■ 266900

■ 76697E

■ 7D6989

■ 846993

■ 8B699E

Harmonies

Analogous

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



676334



4E693F



306C53

Triad

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



4E693F



22688C



8D5059

Complementary

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



4E693F



5A3F69

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.



855170



4E693F



4F618E

Square

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



4E693F



006C7F



705883



895444

Rectangle

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



4E693F



156D62



705883



8C4F61

Sweetspot

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



4E693F



7F8A79



695A3F



3F453B



C4C4C4



454545

Same Dimension

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



4E693F



5F8A48



3F6945



323630



2A7500



57F500

Inverse Universe

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



5A3F69



72488A



693F63



343036



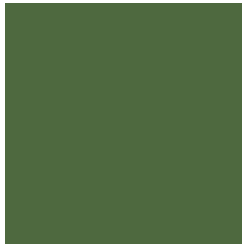
4B0075



9D00F5

Previews

White Background



This preview shows how the Hex color 4E693F looks on a white background.

Color Contrast Check

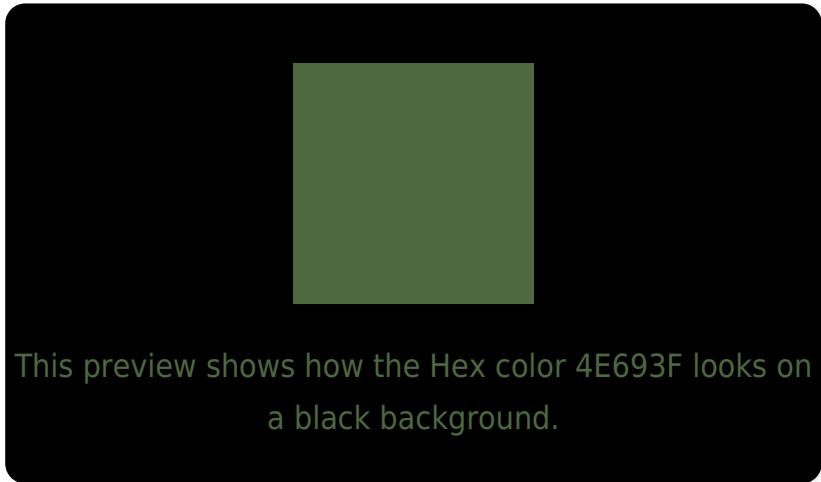
Large Text (above 18pt) WCAG AA ✓ Pass

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

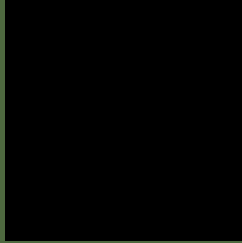
Any Text WCAG AA × Fail

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 4E693F Background



This preview shows how black text looks on a background with the Hex color 4E693F.



This preview shows how white text looks on a background with the Hex color 4E693F.

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](#).

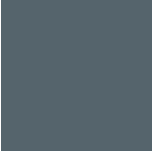
Dichromacy



Original Color
4E693F

Protanopia
6A613C

Deuteranopia
745D42



Tritanopia
55646C

Trichromacy



Original Color
4E693F

Protanomaly
60643D

Deuteranomaly
666141

Tritanomaly
52665C

Monochromacy



Original Color
4E693F

Achromatopsia
5C5C5C

Achromatomaly
576151

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E693F 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 #4E693F looks like.

```
.text, #text, p{  
    color:#4E693F  
}
```

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 #4E693F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E693F
}
```

Border

The CSS property to change the border of an element to Hex 4E693F 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".

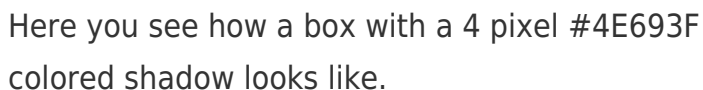
```
.border, #border, table{ border:4px solid
#4E693F }
```

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

```
.border{ border-color:#4E693F }
```

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

Here you see how a box with a 4 pixel #4E693F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E693F; -webkit-box-shadow:4px 4px  
4px 4px #4E693F; box-shadow:4px 4px 4px  
4px #4E693F }
```

Background

The CSS property to change the background color of an element to Hex 4E693F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E693F }
```

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

```
.background{ background-color:#4E693F }
```

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