

Converting Colors

Hex(4C633E)

Have a look what the booklet for
Hex(4C633E) contains.

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Color

Hex(4C633E)

Conversions

Conversions Part 1

Format	Color
Hex	4C633E
RGB	76, 99, 62
RGB Percent	30%, 39%, 24%
CMY	0.7020, 0.6118, 0.7569
CMYK	0.23, 0.00, 0.37, 0.61
HSL	97°, 23%, 32%
HSV	97°, 37%, 39%
XYZ	8.3118, 10.8080, 6.2055
YIQ	87.9050, -1.8310, -16.3830

Conversions

Conversions Part 2

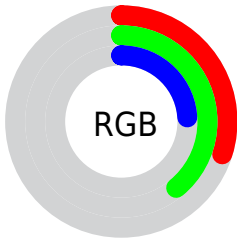
Format	Color
R _{YB}	62, 99, 85
Decimal	5006142
CIE Lab	39.26, -16.24, 18.30
CIE LCh	39, 24.464, 131.577
Yxy	10.8080, 0.3282, 0.4268
Android (android.graphics.Color)	4283196222 (0xFF4C633E)
YUV	87.9050, -12.7712, -10.4407
Hunter-Lab	32.8755, -12.4024, 11.8214

Details

The Hex color **4C633E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **553E63**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7E966E**, and **1E3413** is the 20% darker color. If you saturate the color by 10%, you get **466334**, and if you desaturate by 10%, it is **526348**.

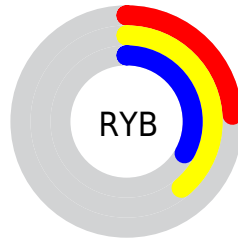
Distribution



Red (30%)

Green (39%)

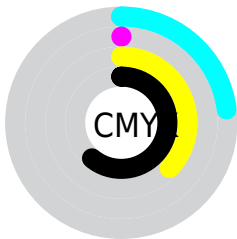
Blue (24%)



Red (24%)

Yellow (39%)

Blue (33%)

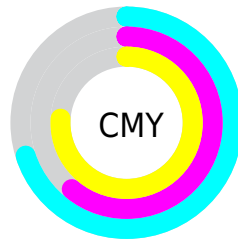


Cyan (23%)

Magenta (0%)

Yellow (37%)

Black (61%)



Cyan (70%)

Magenta (61%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C633E 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 4C633E by changing the saturation by 10% instead.



4C633E



4C633E

FFFFFF



354B28



7E966E



1E3413



98B187



091F00



B3CCA2



000000



CEE8BD



EBFFD9



FFFFF5



4C633E



4C633E



466334



526348

 40632A

 586352

 3A6320

 5E635C


 336316

 656366

 2D630C

 6B6370

 276303

 716379

 256300

 776383

 7D638D

 836397

Harmonies

Analogous

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



625E35



4C633E



33664F

Triad

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



4C633E



296282



834D55

Complementary

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



4C633E



553E63

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.



7B4F6A



4C633E



4C5C83

Square

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



4C633E



066676



69547A



805043

Rectangle

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



4C633E



20675D



69547A



824D5C

Sweetspot

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



4C633E



778071



63553E



3B4037



BFBFBF



404040

Same Dimension

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



4C633E



5C8046



3E6342



2D302C



2A7000



5BF000

Inverse Universe

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



553E63



6A4680



633E5F



2F2C30



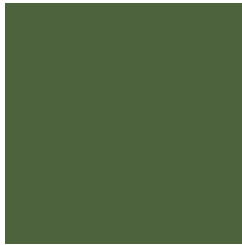
460070



9500F0

Previews

White Background



This preview shows how the Hex color 4C633E looks on a white background.

Color Contrast Check

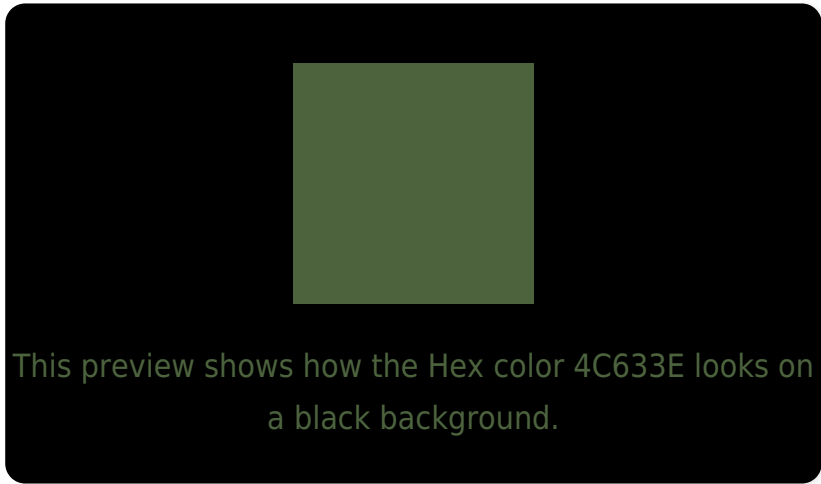
Large Text (above 18pt) WCAG AA ✓ Pass

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

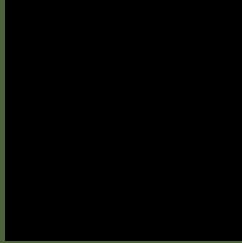
Any Text WCAG AA × Fail

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 4C633E Background



This preview shows how black text looks on a background with the Hex color 4C633E.



This preview shows how white text looks on a background with the Hex color 4C633E.

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](#).

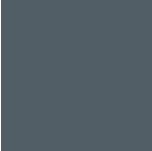
Dichromacy



Original Color
4C633E

Protanopia
645C3B

Deuteranopia
6E5840



Tritanopia
525E66

Trichromacy



Original Color
4C633E

Protanomaly
5B5F3C

Deuteranomaly
625C3F

Tritanomaly
506057

Monochromacy



Original Color
4C633E

Achromatopsia
585858

Achromatomaly
545C4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C633E 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 #4C633E looks like.

```
.text, #text, p{  
    color:#4C633E  
}
```

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 #4C633E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C633E
}
```

Border

The CSS property to change the border of an element to Hex 4C633E 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".

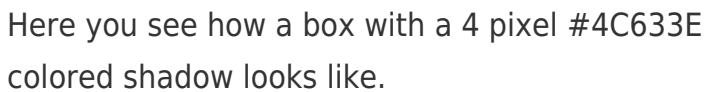
```
.border, #border, table{ border:4px solid
#4C633E }
```

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

```
.border{ border-color:#4C633E }
```

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

Here you see how a box with a 4 pixel #4C633E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C633E; -webkit-box-shadow:4px 4px  
4px 4px #4C633E; box-shadow:4px 4px 4px  
4px #4C633E }
```

Background

The CSS property to change the background color of an element to Hex 4C633E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C633E }
```

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

```
.background{ background-color:#4C633E }
```

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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