

Converting Colors

Hex(474E33)

Have a look what the booklet for
Hex(474E33) contains.

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Color

Hex(474E33)

Conversions

Conversions Part 1

Format	Color
Hex	474E33
RGB	71, 78, 51
RGB Percent	28%, 31%, 20%
CMY	0.7216, 0.6941, 0.8000
CMYK	0.09, 0.00, 0.35, 0.69
HSL	76°, 21%, 25%
HSV	76°, 35%, 31%
XYZ	5.9205, 7.0274, 4.1763
YIQ	72.8290, 4.4950, -9.8810

Conversions

Conversions Part 2

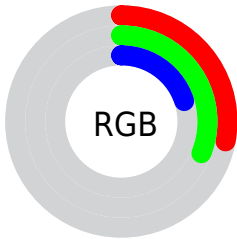
Format	Color
RYB	51, 78, 58
Decimal	4673075
CIELab	31.87, -8.13, 15.08
CIELCh	32, 17.136, 118.324
Yxy	7.0274, 0.3457, 0.4104
Android (android.graphics.Color)	4282863155 (0xFF474E33)
YUV	72.8290, -10.7617, -1.6040
Hunter-Lab	26.5092, -6.5257, 9.2157

Details

The Hex color **474E33** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3A334E**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **787F62**, and **1C2206** is the 20% darker color. If you saturate the color by 10%, you get **454E2B**, and if you desaturate by 10%, it is **494E3B**.

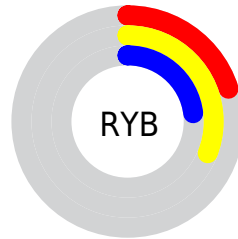
Distribution



Red (28%)

Green (31%)

Blue (20%)



Red (20%)

Yellow (31%)

Blue (23%)

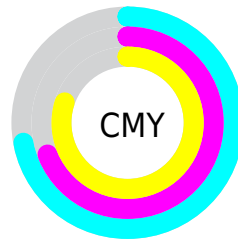


Cyan (9%)

Magenta (0%)

Yellow (35%)

Black (69%)



Cyan (72%)

Magenta (69%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 474E33 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 474E33 by changing the saturation by 10% instead.



474E33



474E33

FFFFFF



30371E



787F62



1C2206



92997B



000D00



ACB494



000000



C8CFAF



E4EBCB



FFFFE7



474E33



474E33



454E2B



494E3B

■ 434E23

■ 4B4E43

■ 414E1C

■ 4D4E4A

■ 3F4E14

■ 4F4E52

■ 3D4E0C

■ 514E5A

■ 3B4E04

■ 534E62

■ 3A4E00

■ 554E6A

■ 574E71

■ 594E79

Harmonies

Analogous

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



554A30



474E33



37513C

Triad

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



474E33



265061



64414C

Complementary

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



474E33



3A334E

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.



5B4359



474E33



384C66

Square

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



474E33



1F5257



4C4863



66423F

Rectangle

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



474E33



2D5245



4C4863



624151

Sweetspot

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



474E33



63665C



4E3A33



31332D



B3B3B3



333333

Same Dimension

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



474E33



5B663B



3A4E33



252622



4C6600



AAE600

Inverse Universe

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



3A334E



463B66



47334E



232226



1A0066



3C00E6

Previews

White Background



This preview shows how the Hex color 474E33 looks on a white background.

Color Contrast Check

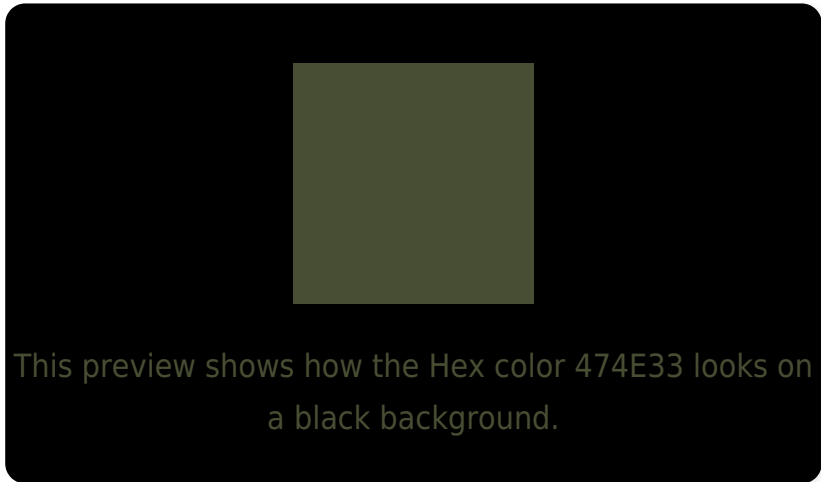
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

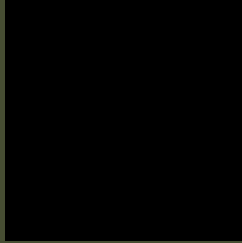
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

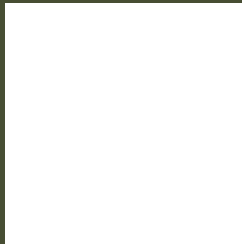
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 474E33 Background



This preview shows how black text looks on a background with the Hex color 474E33.



This preview shows how white text looks on a background with the Hex color 474E33.

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
474E33

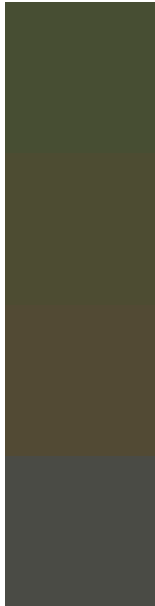
Protanopia
514B32

Deuteranopia
594834



Tritanopia
4B4A50

Trichromacy



Original Color
474E33

Protanomaly
4D4C32

Deuteranomaly
524A34

Tritanomaly
4A4B45

Monochromacy



Original Color
474E33

Achromatopsia
494949

Achromatomaly
484B41

CSS Examples

Text

The CSS property to change the color of the text to Hex 474E33 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 #474E33 looks like.

```
.text, #text, p{  
    color:#474E33  
}
```

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 #474E33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474E33
}
```

Border

The CSS property to change the border of an element to Hex 474E33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

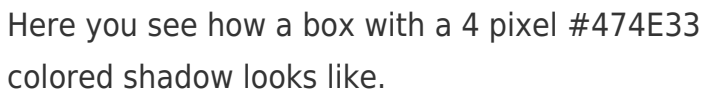
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474E33 }
```

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

```
.border{ border-color:#474E33 }
```

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



Here you see how a box with a 4 pixel #474E33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474E33; -webkit-box-shadow:4px 4px  
4px 4px #474E33; box-shadow:4px 4px 4px  
4px #474E33 }
```

Background

The CSS property to change the background color of an element to Hex 474E33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474E33 }
```

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

```
.background{ background-color:#474E33 }
```

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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