

Converting Colors

Hex(474937)

Have a look what the booklet for
Hex(474937) contains.

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Color

Hex(474937)

Conversions

Conversions Part 1

Format	Color
Hex	474937
RGB	71, 73, 55
RGB Percent	28%, 29%, 22%
CMY	0.7216, 0.7137, 0.7843
CMYK	0.03, 0.00, 0.25, 0.71
HSL	67°, 14%, 25%
HSV	67°, 25%, 29%
XYZ	5.6707, 6.3805, 4.5471
YIQ	70.3500, 4.5860, -6.0220

Conversions

Conversions Part 2

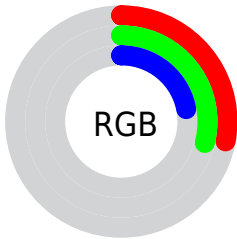
Format	Color
RYB	55, 73, 57
Decimal	4671799
CIELab	30.35, -4.42, 10.53
CIElCh	30, 11.421, 112.780
Yxy	6.3805, 0.3416, 0.3844
Android (android.graphics.Color)	4282861879 (0xFF474937)
YUV	70.3500, -7.5675, 0.5701
Hunter-Lab	25.2597, -4.1321, 7.0087

Details

The Hex color **474937** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **393749**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **787A66**, and **1C1D0C** is the 20% darker color. If you saturate the color by 10%, you get **464930**, and if you desaturate by 10%, it is **48493E**.

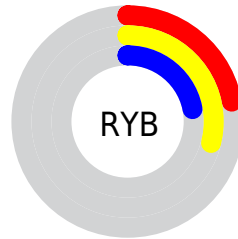
Distribution



Red (28%)

Green (29%)

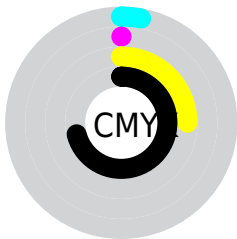
Blue (22%)



Red (22%)

Yellow (29%)

Blue (22%)

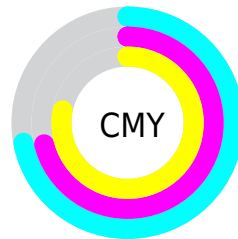


Cyan (3%)

Magenta (0%)

Yellow (25%)

Black (71%)



Cyan (72%)

Magenta (71%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 474937 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 474937 by changing the saturation by 10% instead.



474937



474937

FFFFFF



303322



787A66



1C1D0C



91937F



000200



ACAE99



000000



C7C9B4



E3E5CF



FFFFEB



474937



474937



464930



48493E

■ 454928

■ 494946

■ 454921

■ 49494D

■ 44491A

■ 4A4954

■ 434913

■ 4B495C

■ 42490B

■ 4C4963

■ 414904

■ 4D496A

■ 414900

■ 4D4971

■ 4E4979

Harmonies

Analogous

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



504636



474937



3D4B3C

Triad

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



474937



314B55



58414A

Complementary

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



474937



393749

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.



514352



474937



3A4959

Square

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



474937



2F4C4E



464658



5A4141

Rectangle

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



474937



374C42



464658



56424D

Sweetspot

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



474937



5E5E58



493937



30302D



B0B0B0



303030

Same Dimension

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



474937



5B5E42



3E4937



232420



586300



CAE300

Inverse Universe

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



393749



45425E



423749



212024



0B0063



1900E3

Previews

White Background



This preview shows how the Hex color 474937 looks on a white background.

Color Contrast Check

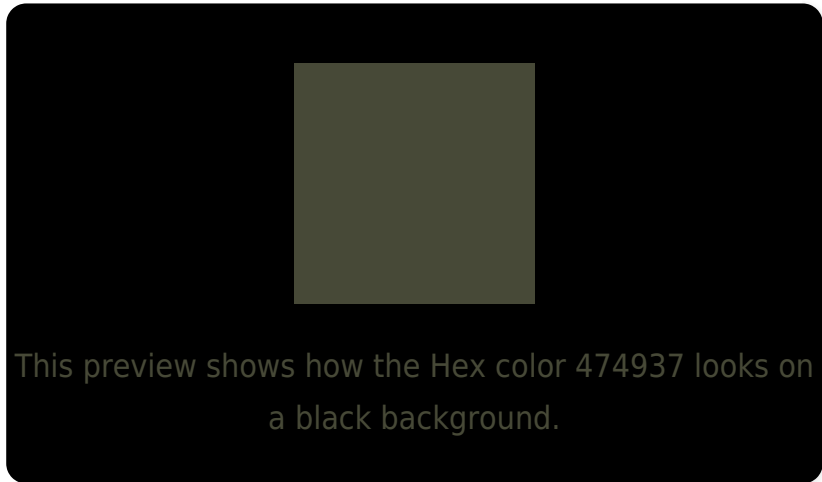
Large Text (above 18pt) WCAG AA ✓ Pass

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

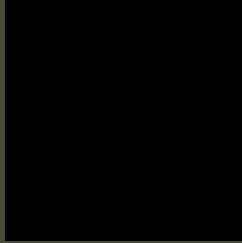
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

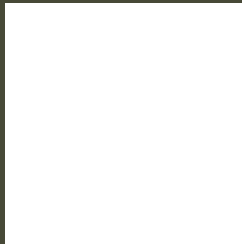
Any Text WCAG AAA × Fail

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

Hex 474937 Background



This preview shows how black text looks on a background with the Hex color 474937.

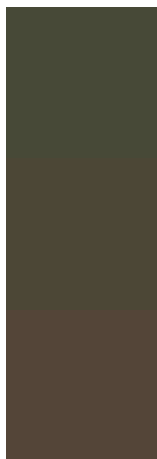


This preview shows how white text looks on a background with the Hex color 474937.

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


474937

Protanopia

4C4736

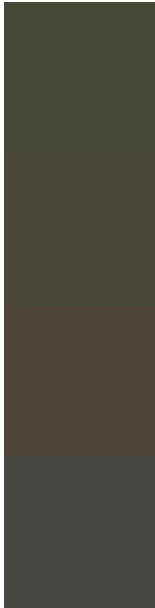
Deuteranopia

544538



Tritanopia
4A464C

Trichromacy



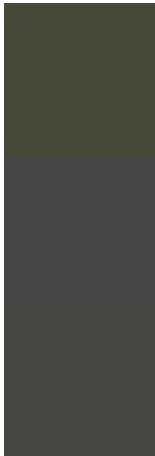
Original Color
474937

Protanomaly
4A4836

Deuteranomaly
4F4638

Tritanomaly
494744

Monochromacy



Original Color
474937

Achromatopsia
464646

Achromatomaly
464741

CSS Examples

Text

The CSS property to change the color of the text to Hex 474937 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 #474937 looks like.

```
.text, #text, p{  
    color:#474937  
}
```

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 #474937 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474937  
}
```

Border

The CSS property to change the border of an element to Hex 474937 is called "border". The border property can be set on classes, ids or directly on the HTML element.

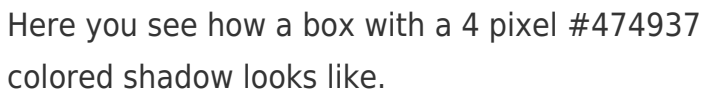
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#474937 }
```

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

```
.border{ border-color:#474937 }
```

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



Here you see how a box with a 4 pixel #474937 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474937; -webkit-box-shadow:4px 4px  
4px 4px #474937; box-shadow:4px 4px 4px  
4px #474937 }
```

Background

The CSS property to change the background color of an element to Hex 474937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474937 }
```

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

```
.background{ background-color:#474937 }
```

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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