

Converting Colors

Hex(475346)

Have a look what the booklet for
Hex(475346) contains.

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Color

Hex(475346)

Conversions

Conversions Part 1

Format	Color
Hex	475346
RGB	71, 83, 70
RGB Percent	28%, 33%, 27%
CMY	0.7216, 0.6745, 0.7255
CMYK	0.14, 0.00, 0.16, 0.67
HSL	115°, 8%, 30%
HSV	115°, 16%, 33%
XYZ	6.7973, 7.9683, 6.9741
YIQ	77.9300, -2.9790, -6.5870

Conversions

Conversions Part 2

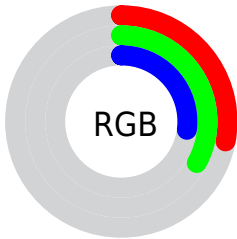
Format	Color
R_{YB}	70, 83, 82
Decimal	4674374
CIE _{Lab}	33.92, -7.62, 6.04
CIE _{LCh}	34, 9.723, 141.583
Yxy	7.9683, 0.3127, 0.3665
Android (android.graphics.Color)	4282864454 (0xFF475346)
YUV	77.9300, -3.9095, -6.0776
Hunter-Lab	28.2282, -6.4169, 5.1114

Details

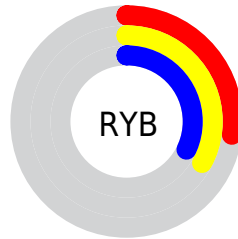
The Hex color **475346** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **524653**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **778476**, and **1B261B** is the 20% darker color. If you saturate the color by 10%, you get **3F533E**, and if you desaturate by 10%, it is **4F534E**.

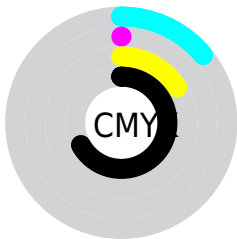
Distribution



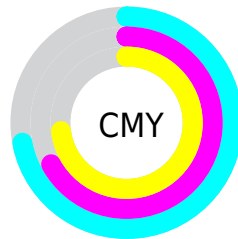
- Red (28%)
- Green (33%)
- Blue (27%)



- Red (27%)
- Yellow (33%)
- Blue (32%)



- Cyan (14%)
- Magenta (0%)
- Yellow (16%)
- Black (67%)



- Cyan (72%)
- Magenta (67%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 475346 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 475346 by changing the saturation by 10% instead.

■ 475346

■ 475346

FFFFFF

■ 313C30

■ 778476

■ 1B261B

■ 919F90

■ 011200

■ ACBAAA

■ 000000

■ C7D5C6

■ E3F2E2

FFFFFFE

■ 475346

■ 475346

■ 3F533E

■ 4F534E

 385335


 565357

 30532D

 5E535F

 285325


 665367

 21531D

 6D536F

 195314

 755378

 11530C

 7D5380

 0A5304

 845388

 065300

 8C5391

Harmonies

Analogous

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



505141



475346



3F544D

Triad

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



475346



45515F



604B4A

Complementary

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



475346



524653

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.



5E4B52



475346



4E4F5E

Square

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



475346



3D535C



584C59



5E4C44

Rectangle

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



475346



3C5453



584C59



604A4D

Sweetspot

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



475346



666B66



535246



333632



B5B5B5



363636

Same Dimension

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



475346



586B57



46534B



252925



086900



12E800

Inverse Universe

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



524653



6A576B



53464E



282529



610069



D600E8

Previews

White Background



This preview shows how the Hex color 475346 looks on a white background.

Color Contrast Check

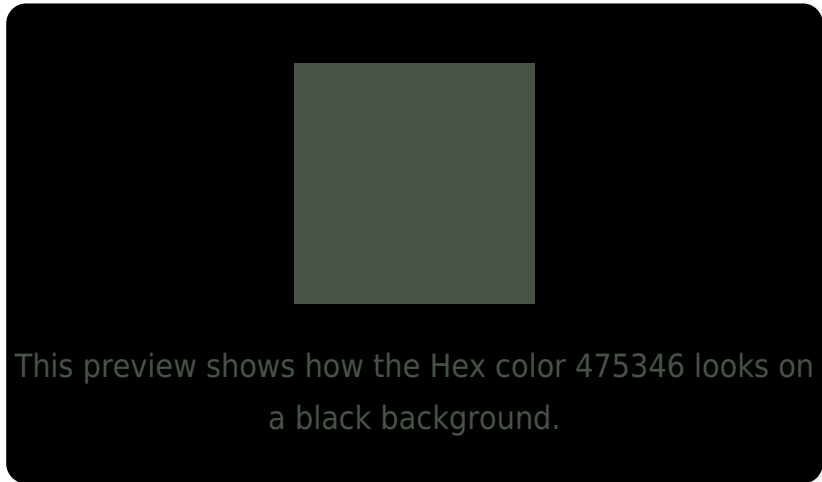
Large Text (above 18pt) WCAG AA ✓ Pass

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

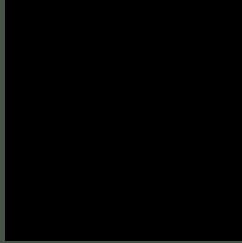
Any Text WCAG AA × Fail

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 475346 Background



This preview shows how black text looks on a background with the Hex color 475346.

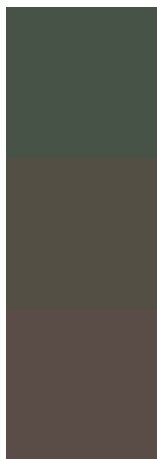


This preview shows how white text looks on a background with the Hex color 475346.

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
475346

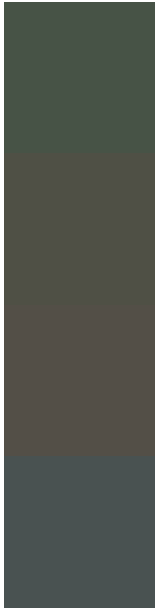
Protanopia
544F44

Deuteranopia
5A4D47



Tritanopia
4A5157

Trichromacy



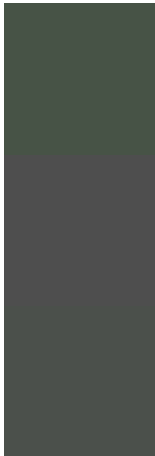
Original Color
475346

Protanomaly
4F5045

Deuteranomaly
534F47

Tritanomaly
495251

Monochromacy



Original Color
475346

Achromatopsia
4E4E4E

Achromatomaly
4B504B

CSS Examples

Text

The CSS property to change the color of the text to Hex 475346 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 #475346 looks like.

```
.text, #text, p{  
    color:#475346  
}
```

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 #475346 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475346
}
```

Border

The CSS property to change the border of an element to Hex 475346 is called "border". The border property can be set on classes, ids or directly on the HTML element.

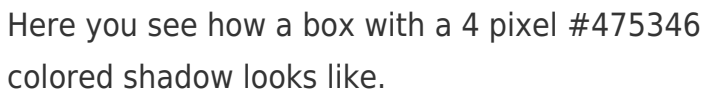
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#475346 }
```

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

```
.border{ border-color:#475346 }
```

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



Here you see how a box with a 4 pixel #475346 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475346; -webkit-box-shadow:4px 4px  
4px 4px #475346; box-shadow:4px 4px 4px  
4px #475346 }
```

Background

The CSS property to change the background color of an element to Hex 475346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475346 }
```

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

```
.background{ background-color:#475346 }
```

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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