

Converting Colors

Hex(475031)

Have a look what the booklet for
Hex(475031) contains.

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Color

Hex(475031)

Conversions

Conversions Part 1

Format	Color
Hex	475031
RGB	71, 80, 49
RGB Percent	28%, 31%, 19%
CMY	0.7216, 0.6863, 0.8078
CMYK	0.11, 0.00, 0.39, 0.69
HSL	77°, 24%, 25%
HSV	77°, 39%, 31%
XYZ	6.0216, 7.2987, 3.9971
YIQ	73.7750, 4.5870, -11.5490

Conversions

Conversions Part 2

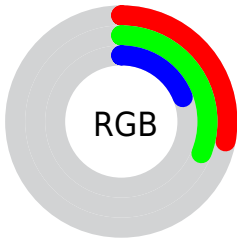
Format	Color
R_{YB}	49, 80, 58
Decimal	4673585
CIE _{Lab}	32.48, -9.63, 17.11
CIE _{LCh}	32, 19.635, 119.369
Yxy	7.2987, 0.3477, 0.4215
Android (android.graphics.Color)	4282863665 (0xFF475031)
YUV	73.7750, -12.2141, -2.4337
Hunter-Lab	27.0160, -7.4924, 10.1390

Details

The Hex color **475031** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3A3150**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **788160**, and **1C2303** is the 20% darker color. If you saturate the color by 10%, you get **455029**, and if you desaturate by 10%, it is **495039**.

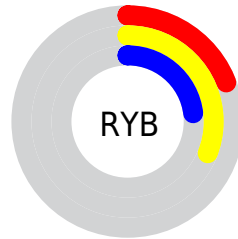
Distribution



Red (28%)

Green (31%)

Blue (19%)



Red (19%)

Yellow (31%)

Blue (23%)

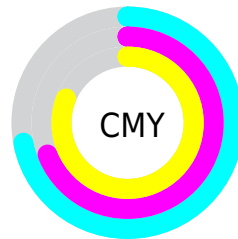


Cyan (11%)

Magenta (0%)

Yellow (39%)

Black (69%)



Cyan (72%)

Magenta (69%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 475031 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 475031 by changing the saturation by 10% instead.

 475031

 475031

FFFFFF

 30391C

 788160

 1C2303

 929B78

 000F00

 ACB692

 000000

 C8D2AD

 E4EEC8

 FFFFE4

 475031

 475031

 455029

 495039

■ 425021

■ 4C5041

■ 405019

■ 4E5049

■ 3E5011

■ 505051

■ 3B5009

■ 535059

■ 395001

■ 555061

■ 395000

■ 575069

■ 5A5071

■ 5C5079

Harmonies

Analogous

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



574B2D



475031



35533C

Triad

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



475031



1E5267



69414D

Complementary

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



475031



3A3150

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.



60435C



475031



364E6B

Square

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



475031



14545B



4E4967



6A423E

Rectangle

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



475031



285446



4E4967



674153

Sweetspot

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



475031



65695C



503A31



33362E



B5B5B5



363636

Same Dimension

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



475031



5A6937



385031



282925



4A6900



A5E800

Inverse Universe

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



3A3150



463769



493150



262529



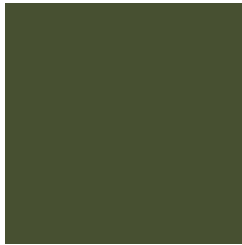
1E0069



4300E8

Previews

White Background



This preview shows how the Hex color 475031 looks on a white background.

Color Contrast Check

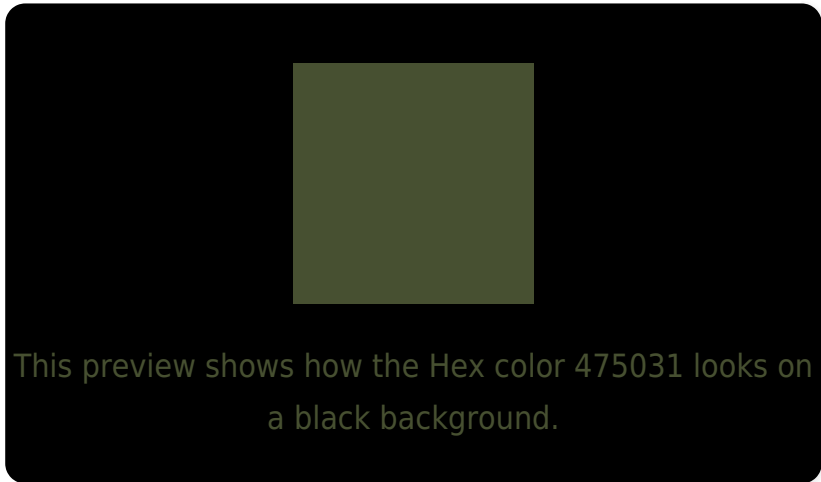
Large Text (above 18pt) WCAG AA ✓ Pass

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

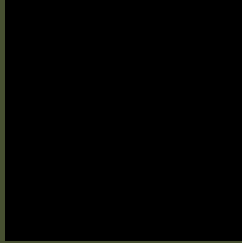
Any Text WCAG AA × Fail

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 475031 Background



This preview shows how black text looks on a background with the Hex color 475031.

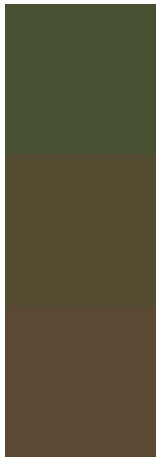


This preview shows how white text looks on a background with the Hex color 475031.

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](#).

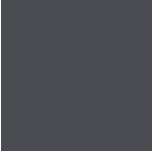
Dichromacy



Original Color
475031

Protanopia
534C30

Deuteranopia
5C4933



Tritanopia
4B4C52

Trichromacy



Original Color
475031

Protanomaly
4F4D30

Deuteranomaly
544C32

Tritanomaly
4A4D46

Monochromacy



Original Color
475031

Achromatopsia
4A4A4A

Achromatomaly
494C41

CSS Examples

Text

The CSS property to change the color of the text to Hex 475031 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 #475031 looks like.

```
.text, #text, p{  
    color:#475031  
}
```

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 #475031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475031
}
```

Border

The CSS property to change the border of an element to Hex 475031 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".

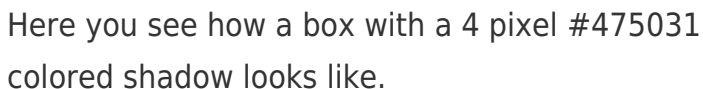
```
.border, #border, table{ border:4px solid
#475031 }
```

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

```
.border{ border-color:#475031 }
```

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

Here you see how a box with a 4 pixel #475031 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475031; -webkit-box-shadow:4px 4px  
4px 4px #475031; box-shadow:4px 4px 4px  
4px #475031 }
```

Background

The CSS property to change the background color of an element to Hex 475031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475031 }
```

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

```
.background{ background-color:#475031 }
```

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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