

Converting Colors

Hex(475229)

Have a look what the booklet for
Hex(475229) contains.

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Color

Hex(475229)

Conversions

Conversions Part 1

Format	Color
Hex	475229
RGB	71, 82, 41
RGB Percent	28%, 32%, 16%
CMY	0.7216, 0.6784, 0.8392
CMYK	0.13, 0.00, 0.50, 0.68
HSL	76°, 33%, 24%
HSV	76°, 50%, 32%
XYZ	6.0161, 7.5343, 3.2350
YIQ	74.0370, 6.6050, -15.0830

Conversions

Conversions Part 2

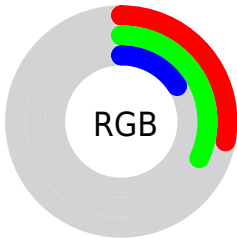
Format	Color
R_{YB}	41, 82, 52
Decimal	4674089
CIE _{Lab}	32.99, -11.92, 22.53
CIE _{LCh}	33, 25.484, 117.876
Y _{xy}	7.5343, 0.3584, 0.4489
Android (android.graphics.Color)	4282864169 (0xFF475229)
YUV	74.0370, -16.2872, -2.6634
Hunter-Lab	27.4486, -8.9123, 12.2263

Details

The Hex color **475229** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **342952**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **788357**, and **1C2500** is the 20% darker color. If you saturate the color by 10%, you get **455221**, and if you desaturate by 10%, it is **495231**.

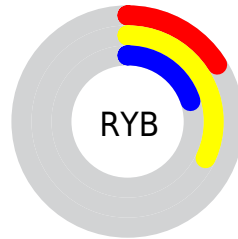
Distribution



Red (28%)

Green (32%)

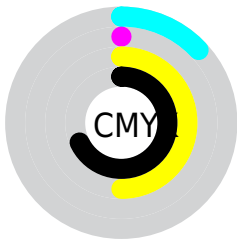
Blue (16%)



Red (16%)

Yellow (32%)

Blue (20%)

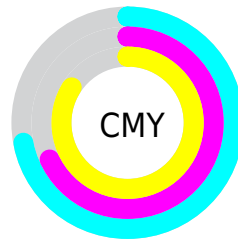


Cyan (13%)

Magenta (0%)

Yellow (50%)

Black (68%)



Cyan (72%)

Magenta (68%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 475229 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 475229 by changing the saturation by 10% instead.

 475229

 475229

FFFFFF

 303B13

 788357

 1C2500

 929D70

 001200

 ADB88A

 000000

 C9D4A4

 E5F0BF

 FFFFDB

 FFFFF8

 475229

 475229

■ 455221

■ 495231

■ 435219

■ 4B5239

■ 405210

■ 4E5242

■ 3E5208

■ 50524A

■ 3C5200

■ 525252

■ 54525A

■ 565262

■ 59526B

■ 5B5273

Harmonies

Analogous

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



5B4C25



475229



2F5637

Triad

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



475229



00556F



723D50

Complementary

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



475229



342952

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.



654263



475229



2A5076

Square

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



475229



005860



4D4971



733F3C

Rectangle

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



475229



195844



4D4971



6F3E57

Sweetspot

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



475229



676B5B



523429



33362C



B5B5B5



363636

Same Dimension

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



475229



5A6B2B



335229



282925



4D6900



AAE800

Inverse Universe

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



342952



3C2B6B



482952



262529



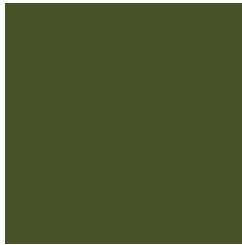
1C0069



3E00E8

Previews

White Background



This preview shows how the Hex color 475229 looks on a white background.

Color Contrast Check

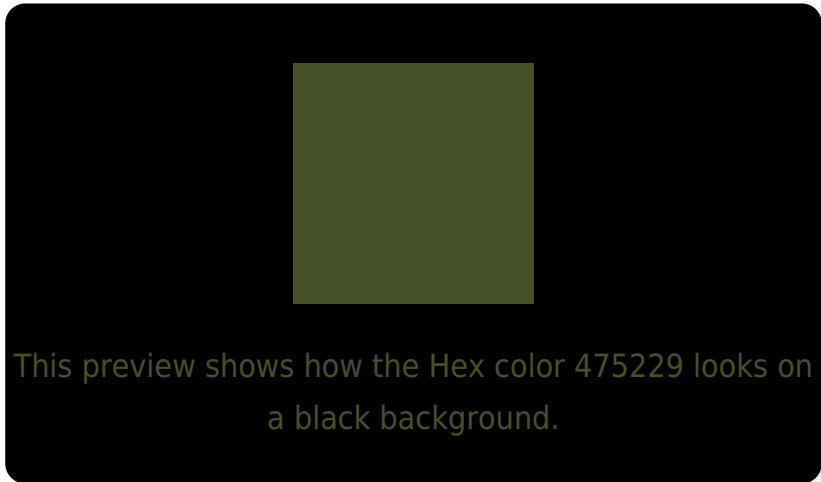
Large Text (above 18pt) WCAG AA ✓ Pass

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

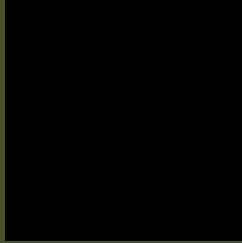
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

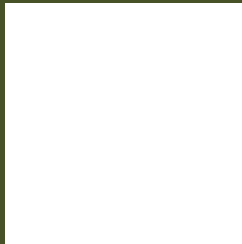
Any Text WCAG AAA × Fail

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

Hex 475229 Background



This preview shows how black text looks on a background with the Hex color 475229.



This preview shows how white text looks on a background with the Hex color 475229.

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
475229

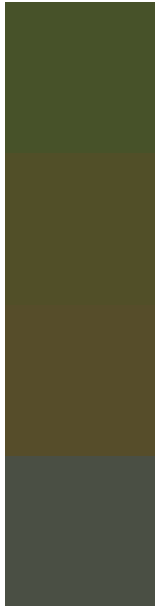
Protanopia
564E28

Deuteranopia
5F4A2B



Tritanopia
4C4D53

Trichromacy



Original Color
475229

Protanomaly
514F28

Deuteranomaly
564D2A

Tritanomaly
4A4F44

Monochromacy



Original Color
475229

Achromatopsia
4A4A4A

Achromatomaly
494D3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 475229 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 #475229 looks like.

```
.text, #text, p{  
    color:#475229  
}
```

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 #475229 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475229
}
```

Border

The CSS property to change the border of an element to Hex 475229 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".

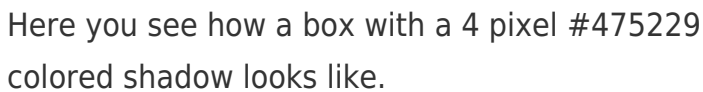
```
.border, #border, table{ border:4px solid
#475229 }
```

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

```
.border{ border-color:#475229 }
```

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

Here you see how a box with a 4 pixel #475229 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475229; -webkit-box-shadow:4px 4px  
4px 4px #475229; box-shadow:4px 4px 4px  
4px #475229 }
```

Background

The CSS property to change the background color of an element to Hex 475229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475229 }
```

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

```
.background{ background-color:#475229 }
```

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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