

Converting Colors

Hex(475327)

Have a look what the booklet for
Hex(475327) contains.

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Color

Hex(475327)

Conversions

Conversions Part 1

Format	Color
Hex	475327
RGB	71, 83, 39
RGB Percent	28%, 33%, 15%
CMY	0.7216, 0.6745, 0.8471
CMYK	0.14, 0.00, 0.53, 0.67
HSL	76°, 36%, 24%
HSV	76°, 53%, 33%
XYZ	6.0580, 7.6726, 3.0811
YIQ	74.3960, 6.9720, -16.2280

Conversions

Conversions Part 2

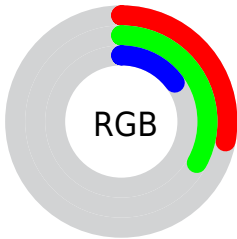
Format	Color
R_{YB}	39, 83, 51
Decimal	4674343
CIE _{Lab}	33.29, -12.74, 24.04
CIE _{LCh}	33, 27.205, 117.918
Yxy	7.6726, 0.3603, 0.4564
Android (android.graphics.Color)	4282864423 (0xFF475327)
YUV	74.3960, -17.4502, -2.9783
Hunter-Lab	27.6994, -9.4352, 12.7945

Details

The Hex color **475327** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **332753**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **788455**, and **1C2600** is the 20% darker color. If you saturate the color by 10%, you get **45531F**, and if you desaturate by 10%, it is **49532F**.

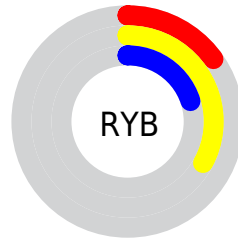
Distribution



Red (28%)

Green (33%)

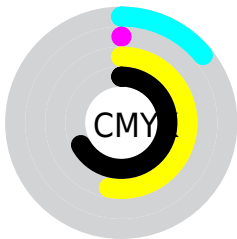
Blue (15%)



Red (15%)

Yellow (33%)

Blue (20%)

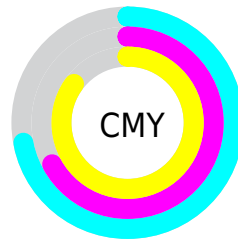


Cyan (14%)

Magenta (0%)

Yellow (53%)

Black (67%)



Cyan (72%)

Magenta (67%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 475327 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 475327 by changing the saturation by 10% instead.

 475327

 475327

FFFFFF

 303C11

 788455

 1C2600

 939F6E

 001300

 ADBA87

 000000

 C9D5A2

 E5F2BD

 FFFFD9

 FFFFF6

 475327

 475327

■ 45531F

■ 49532F

■ 425316

■ 4C5338

■ 40530E

■ 4E5340

■ 3E5306

■ 505348

■ 3C5300

■ 525351

■ 555359

■ 575361

■ 595369

■ 5B5372

Harmonies

Analogous

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



5D4D22



475327



2C5737

Triad

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



475327



005672



753D51

Complementary

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



475327



332753

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.



684165



475327



265179

Square

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



475327



005962



4E4974



763E3B

Rectangle

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



475327



135945



4E4974



723E58

Sweetspot

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



475327



666B5A



533327



33362B



B5B5B5



363636

Same Dimension

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



475327



586B27



315327



282925



4C6900



A9E800

Inverse Universe

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



332753



39276B



492753



262529



1D0069



3F00E8

Previews

White Background



This preview shows how the Hex color 475327 looks on a white background.

Color Contrast Check

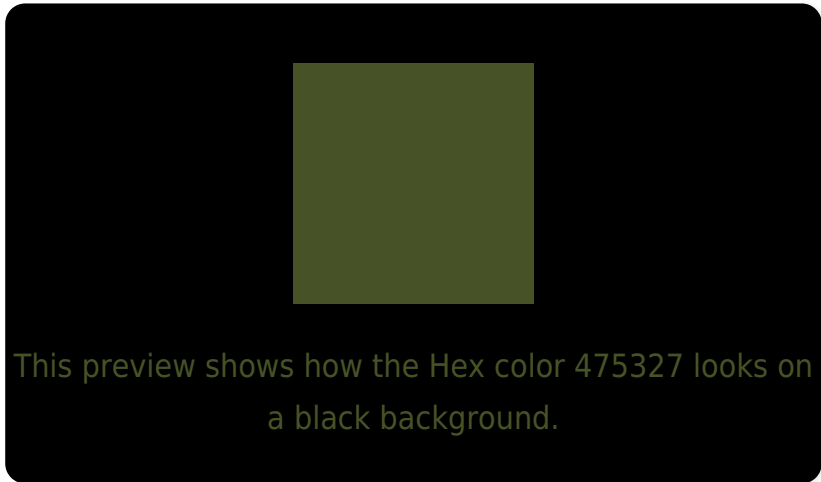
Large Text (above 18pt) WCAG AA ✓ Pass

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

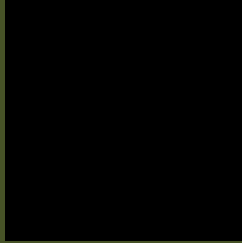
Any Text WCAG AA × Fail

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 475327 Background



This preview shows how black text looks on a background with the Hex color 475327.



This preview shows how white text looks on a background with the Hex color 475327.

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](#).

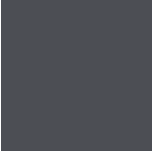
Dichromacy



Original Color
475327

Protanopia
574E25

Deuteranopia
604B29



Tritanopia
4C4E54

Trichromacy



Original Color
475327

Protanomaly
515026

Deuteranomaly
574E28

Tritanomaly
4A5044

Monochromacy



Original Color
475327

Achromatopsia
4A4A4A

Achromatomaly
494D3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 475327 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 #475327 looks like.

```
.text, #text, p{  
    color:#475327  
}
```

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 #475327 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475327
}
```

Border

The CSS property to change the border of an element to Hex 475327 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".

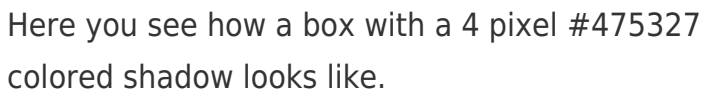
```
.border, #border, table{ border:4px solid
#475327 }
```

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

```
.border{ border-color:#475327 }
```

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

Here you see how a box with a 4 pixel #475327 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475327; -webkit-box-shadow:4px 4px  
4px 4px #475327; box-shadow:4px 4px 4px  
4px #475327 }
```

Background

The CSS property to change the background color of an element to Hex 475327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475327 }
```

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

```
.background{ background-color:#475327 }
```

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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