

Converting Colors

Hex(475842)

Have a look what the booklet for
Hex(475842) contains.

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Color

Hex(475842)

Conversions

Conversions Part 1

Format	Color
Hex	475842
RGB	71, 88, 66
RGB Percent	28%, 35%, 26%
CMY	0.7216, 0.6549, 0.7412
CMYK	0.19, 0.00, 0.25, 0.65
HSL	106°, 14%, 30%
HSV	106°, 25%, 35%
XYZ	7.0716, 8.7124, 6.4632
YIQ	80.4090, -3.0700, -10.4460

Conversions

Conversions Part 2

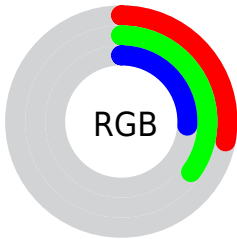
Format	Color
RYB	66, 88, 83
Decimal	4675650
CIELab	35.42, -11.36, 10.65
CIELCh	35, 15.570, 136.865
Yxy	8.7124, 0.3179, 0.3916
Android (android.graphics.Color)	4282865730 (0xFF475842)
YUV	80.4090, -7.1036, -8.2517
Hunter-Lab	29.5168, -8.8893, 7.6792

Details

The Hex color **475842** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **534258**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **788A72**, and **1B2B17** is the 20% darker color. If you saturate the color by 10%, you get **405839**, and if you desaturate by 10%, it is **4E584B**.

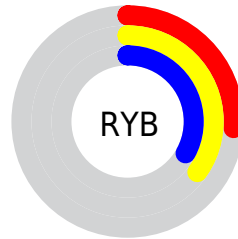
Distribution



Red (28%)

Green (35%)

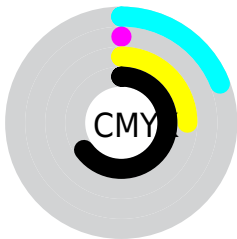
Blue (26%)



Red (26%)

Yellow (35%)

Blue (33%)

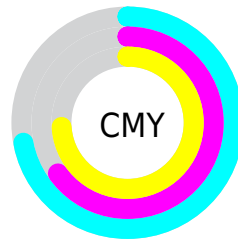


Cyan (19%)

Magenta (0%)

Yellow (25%)

Black (65%)



Cyan (72%)

Magenta (65%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 475842 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 475842 by changing the saturation by 10% instead.



475842



475842

FFFFFF



30412C



788A72



1B2B17



91A48C



011700



ACBFA6



000000



C8DBC1



E4F8DD



FFFFFF9



475842



475842



405839



4E584B

■ 395830

■ 555854

■ 335828

■ 5B585C

■ 2C581F

■ 625865

■ 255816

■ 69586E

■ 1E580D

■ 705877

■ 175804

■ 775880

■ 145800

■ 7D5888

■ 845891

Harmonies

Analogous

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



55553B



475842



395A4D

Triad

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



475842



3C566B



6D4A4D

Complementary

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



475842



534258

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.



694B59



475842



4E526B

Square

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



475842



305965



5E4E64



6A4D42

Rectangle

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



475842



325A56



5E4E64



6C4A51

Sweetspot

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



475842



6C736A



585342



363B35



BABABA



3B3B3B

Same Dimension

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



475842



587350



425848



282B27



186B00



35EB00

Inverse Universe

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



534258



6B5073



584252



2A272B



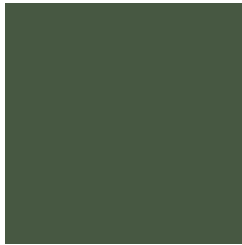
53006B



B500EB

Previews

White Background



This preview shows how the Hex color 475842 looks on a white background.

Color Contrast Check

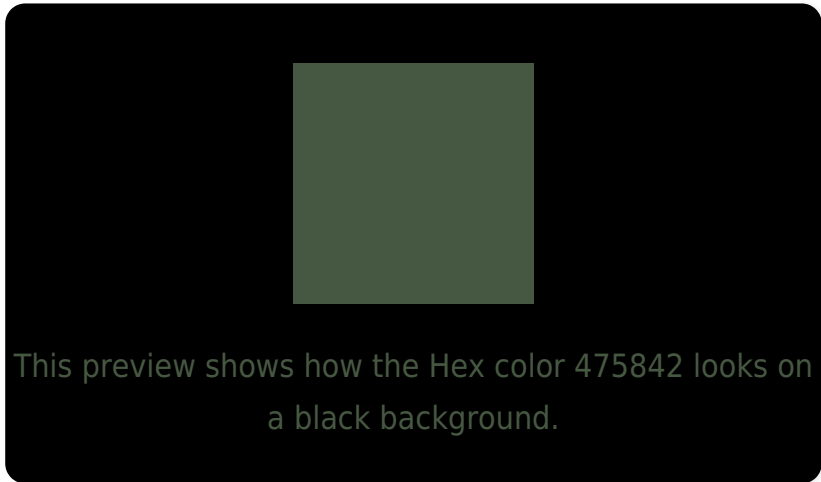
Large Text (above 18pt) WCAG AA ✓ Pass

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

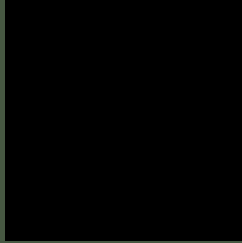
Any Text WCAG AA × Fail

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 475842 Background



This preview shows how black text looks on a background with the Hex color 475842.



This preview shows how white text looks on a background with the Hex color 475842.

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
475842

Protanopia
595340

Deuteranopia
605044



Tritanopia
4B555B

Trichromacy



Original Color
475842

Protanomaly
525541

Deuteranomaly
575343

Tritanomaly
4A5652

Monochromacy



Original Color
475842

Achromatopsia
505050

Achromatomaly
4D534B

CSS Examples

Text

The CSS property to change the color of the text to Hex 475842 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 #475842 looks like.

```
.text, #text, p{  
    color:#475842  
}
```

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 #475842 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475842
}
```

Border

The CSS property to change the border of an element to Hex 475842 is called "border". The border property can be set on classes, ids or directly on the HTML element.

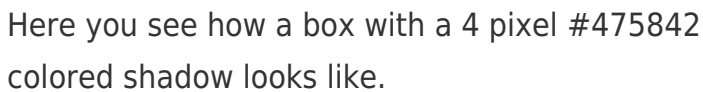
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#475842 }
```

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

```
.border{ border-color:#475842 }
```

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



Here you see how a box with a 4 pixel #475842 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475842; -webkit-box-shadow:4px 4px  
4px 4px #475842; box-shadow:4px 4px 4px  
4px #475842 }
```

Background

The CSS property to change the background color of an element to Hex 475842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475842 }
```

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

```
.background{ background-color:#475842 }
```

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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