

Converting Colors

Hex(475A46)

Have a look what the booklet for
Hex(475A46) contains.

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Color

Hex(475A46)

Conversions

Conversions Part 1

Format	Color
Hex	475A46
RGB	71, 90, 70
RGB Percent	28%, 35%, 27%
CMY	0.7216, 0.6471, 0.7255
CMYK	0.21, 0.00, 0.22, 0.65
HSL	117°, 12%, 31%
HSV	117°, 22%, 35%
XYZ	7.3602, 9.0941, 7.1618
YIQ	82.0390, -4.9040, -10.2480

Conversions

Conversions Part 2

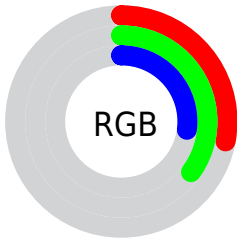
Format	Color
R_{YB}	70, 90, 89
Decimal	4676166
CIE _{Lab}	36.16, -11.73, 9.21
CIE _{LCh}	36, 14.912, 141.874
Yxy	9.0941, 0.3117, 0.3851
Android (android.graphics.Color)	4282866246 (0xFF475A46)
YUV	82.0390, -5.9352, -9.6812
Hunter-Lab	30.1565, -9.2079, 7.0289

Details

The Hex color **475A46** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **59465A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **788C76**, and **1B2C1B** is the 20% darker color. If you saturate the color by 10%, you get **3E5A3D**, and if you desaturate by 10%, it is **505A4F**.

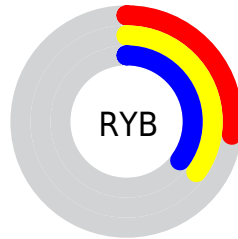
Distribution



Red (28%)

Green (35%)

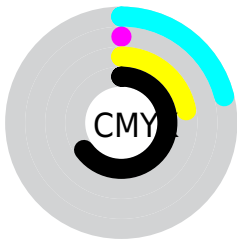
Blue (27%)



Red (27%)

Yellow (35%)

Blue (35%)

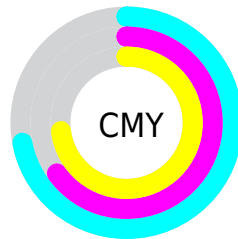


Cyan (21%)

Magenta (0%)

Yellow (22%)

Black (65%)



Cyan (72%)

Magenta (65%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 475A46 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 475A46 by changing the saturation by 10% instead.

■ 475A46

■ 475A46

FFFFFF

■ 304330

■ 788C76

■ 1B2C1B

■ 92A790

■ 021800

■ ACC2AA

■ 000000

■ C8DEC6

■ E4FAE2

FFFFFFE

■ 475A46

■ 475A46

■ 3E5A3D

■ 505A4F

■ 365A34

■ 585A58

■ 2D5A2B

■ 615A61

■ 255A22

■ 695A6A

■ 1C5A19

■ 725A73

■ 145A10

■ 7A5A7C

■ 0B5A07

■ 835A85

■ 045A00

■ 8B5A8E

■ 945A97

Harmonies

Analogous

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



55573F



475A46



3A5C51

Triad

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



475A46



42576C



6E4D4D

Complementary

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



475A46



59465A

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.



6B4D59



475A46



53536B

Square

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



475A46



355A67



614F64



6A4F43

Rectangle

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



475A46



345C5A



614F64



6D4C51

Sweetspot

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



475A46



6D756D



5A5946



363B36



BABABA



3B3B3B

Same Dimension

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



475A46



577556



465A4F



2A2E29



056E00



0CED00

Inverse Universe

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



59465A



745675



5A4651



2E292E



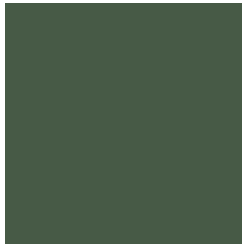
68006E



E100ED

Previews

White Background



This preview shows how the Hex color 475A46 looks on a white background.

Color Contrast Check

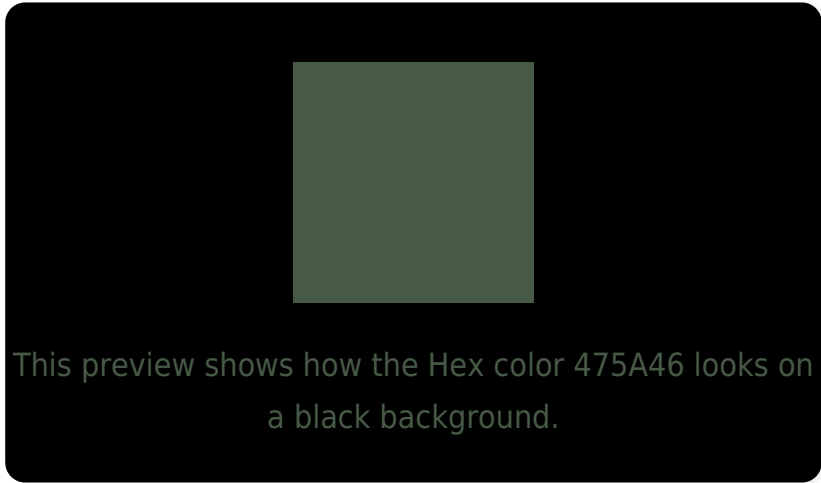
Large Text (above 18pt) WCAG AA ✓ Pass

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

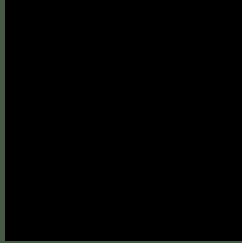
Any Text WCAG AA × Fail

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 475A46 Background



This preview shows how black text looks on a background with the Hex color 475A46.



This preview shows how white text looks on a background with the Hex color 475A46.

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
475A46

Protanopia
5A5543

Deuteranopia
625248



Tritanopia
4B575E

Trichromacy



Original Color
475A46

Protanomaly
535744

Deuteranomaly
585547

Tritanomaly
4A5855

Monochromacy



Original Color
475A46

Achromatopsia
525252

Achromatomaly
4E554E

CSS Examples

Text

The CSS property to change the color of the text to Hex 475A46 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 #475A46 looks like.

```
.text, #text, p{  
    color:#475A46  
}
```

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 #475A46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475A46
}
```

Border

The CSS property to change the border of an element to Hex 475A46 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".

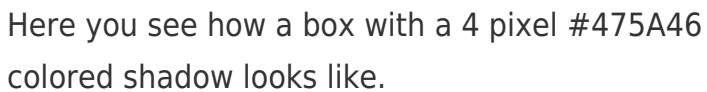
```
.border, #border, table{ border:4px solid
#475A46 }
```

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

```
.border{ border-color:#475A46 }
```

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

Here you see how a box with a 4 pixel #475A46 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475A46; -webkit-box-shadow:4px 4px  
4px 4px #475A46; box-shadow:4px 4px 4px  
4px #475A46 }
```

Background

The CSS property to change the background color of an element to Hex 475A46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475A46 }
```

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

```
.background{ background-color:#475A46 }
```

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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