

Converting Colors

Hex(476437)

Have a look what the booklet for
Hex(476437) contains.

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Color

Hex(476437)

Conversions

Conversions Part 1

Format	Color
Hex	476437
RGB	71, 100, 55
RGB Percent	28%, 39%, 22%
CMY	0.7216, 0.6078, 0.7843
CMYK	0.29, 0.00, 0.45, 0.61
HSL	99°, 29%, 30%
HSV	99°, 45%, 39%
XYZ	7.8453, 10.7298, 5.2720
YIQ	86.1990, -2.8390, -20.1430

Conversions

Conversions Part 2

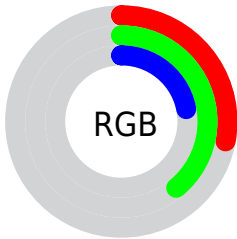
Format	Color
RYB	55, 100, 84
Decimal	4678711
CIELab	39.12, -19.89, 22.14
CIElCh	39, 29.765, 131.937
Yxy	10.7298, 0.3290, 0.4499
Android (android.graphics.Color)	4282868791 (0xFF476437)
YUV	86.1990, -15.3811, -13.3295
Hunter-Lab	32.7563, -14.5720, 13.3870

Details

The Hex color **476437** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **543764**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **799767**, and **19350B** is the 20% darker color. If you saturate the color by 10%, you get **41642D**, and if you desaturate by 10%, it is **4D6441**.

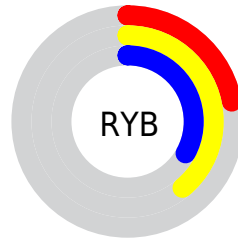
Distribution



Red (28%)

Green (39%)

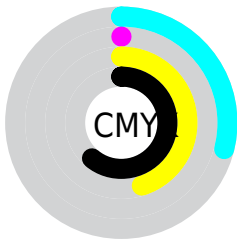
Blue (22%)



Red (22%)

Yellow (39%)

Blue (33%)

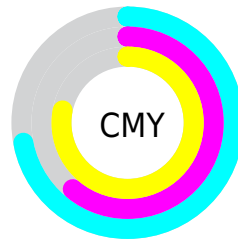


Cyan (29%)

Magenta (0%)

Yellow (45%)

Black (61%)



Cyan (72%)

Magenta (61%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 476437 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 476437 by changing the saturation by 10% instead.



476437



476437

FFFFFF



2F4C21



799767



19350B



93B280



002000



AECD9A



000000



C9EAB5



E6FFD1



FFFFED



476437



476437



41642D



4D6441

■ 3A6423

■ 54644B

■ 346419

■ 5A6455

■ 2D640F

■ 61645F

■ 276405

■ 676469

■ 246400

■ 6E6473

■ 74647D

■ 7B6487

■ 816491

Harmonies

Analogous

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



625E2B



476437



25684C

Triad

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



476437



04638A



8A4853

Complementary

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



476437



543764

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.



814A6C



476437



465B8B

Square

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



476437



00677C



6B5280



864D3D

Rectangle

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



476437



00695D



6B5280



89485B

Sweetspot

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



476437



768270



645437



3B4237



C2C2C2



424242

Same Dimension

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



476437



55823C



37643D



30332E



297300



56F200

Inverse Universe

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



543764



693C82



64375E



312E33



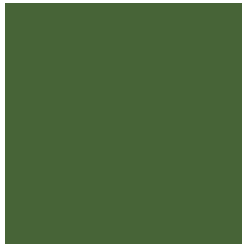
4A0073



9C00F2

Previews

White Background



This preview shows how the Hex color 476437 looks on a white background.

Color Contrast Check

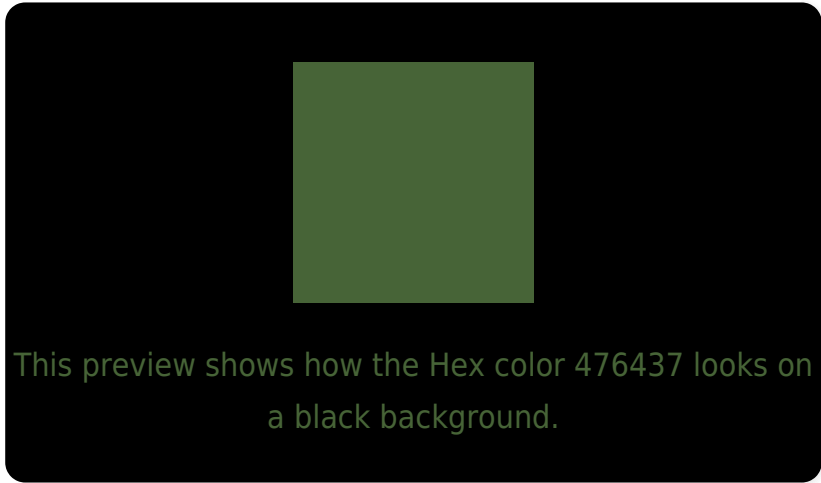
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

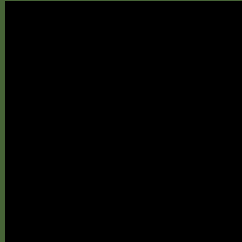
Any Text WCAG AA × Fail

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 476437 Background



This preview shows how black text looks on a background with the Hex color 476437.



This preview shows how white text looks on a background with the Hex color 476437.

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
476437

Protanopia
655C34

Deuteranopia
6F583A



Tritanopia
4E5F66

Trichromacy



Original Color
476437

Protanomaly
5A5F35

Deuteranomaly
605C39

Tritanomaly
4B6155

Monochromacy



Original Color
476437

Achromatopsia
565656

Achromatomaly
515B4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 476437 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 #476437 looks like.

```
.text, #text, p{  
    color:#476437  
}
```

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 #476437 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476437
}
```

Border

The CSS property to change the border of an element to Hex 476437 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".

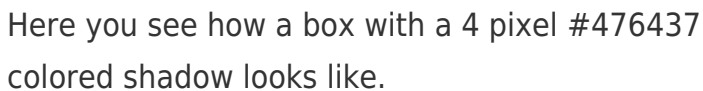
```
.border, #border, table{ border:4px solid
#476437 }
```

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

```
.border{ border-color:#476437 }
```

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

Here you see how a box with a 4 pixel #476437 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476437; -webkit-box-shadow:4px 4px  
4px 4px #476437; box-shadow:4px 4px 4px  
4px #476437 }
```

Background

The CSS property to change the background color of an element to Hex 476437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476437 }
```

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

```
.background{ background-color:#476437 }
```

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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