

Converting Colors

Hex(476D37)

Have a look what the booklet for
Hex(476D37) contains.

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Color

Hex(476D37)

Conversions

Conversions Part 1

Format	Color
Hex	476D37
RGB	71, 109, 55
RGB Percent	28%, 43%, 22%
CMY	0.7216, 0.5725, 0.7843
CMYK	0.35, 0.00, 0.50, 0.57
HSL	102°, 33%, 32%
HSV	102°, 50%, 43%
XYZ	8.7568, 12.5527, 5.5758
YIQ	91.4820, -5.3140, -24.8500

Conversions

Conversions Part 2

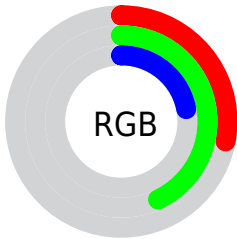
Format	Color
RYB	55, 109, 93
Decimal	4681015
CIELab	42.08, -24.53, 25.87
CIELCh	42, 35.648, 133.472
Yxy	12.5527, 0.3257, 0.4669
Android (android.graphics.Color)	4282871095 (0xFF476D37)
YUV	91.4820, -17.9856, -17.9627
Hunter-Lab	35.4298, -17.8844, 15.4700

Details

The Hex color **476D37** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5D376D**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **79A167**, and **173D0A** is the 20% darker color. If you saturate the color by 10%, you get **3F6D2C**, and if you desaturate by 10%, it is **4F6D42**.

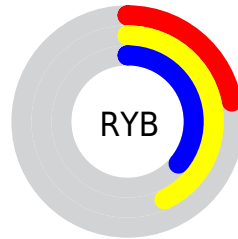
Distribution



Red (28%)

Green (43%)

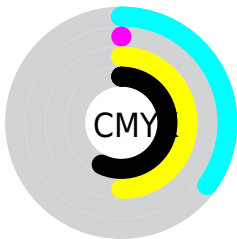
Blue (22%)



Red (22%)

Yellow (43%)

Blue (36%)

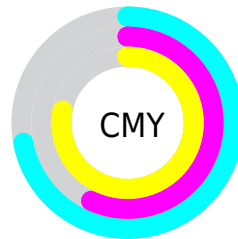


Cyan (35%)

Magenta (0%)

Yellow (50%)

Black (57%)



Cyan (72%)

Magenta (57%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 476D37 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 476D37 by changing the saturation by 10% instead.

 476D37

 476D37

FFFFFF

 2F5420

 79A167

 173D0A

 94BC80

 002700

 AFD89B

 000E00

 CBF4B6

 000000

 E7FFD1

 FFFFEE

 476D37

 476D37

 3F6D2C

 4F6D42

■ 386D21

■ 566D4D

■ 306D16

■ 5E6D58

■ 286D0B

■ 666D63

■ 216D01

■ 6D6D6E

■ 206D00

■ 756D78

■ 7D6D83

■ 846D8E

■ 8C6D99

Harmonies

Analogous

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



686628



476D37



137152

Triad

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



476D37



006B9B



9A4A57

Complementary

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



476D37



5D376D

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.



914D75



476D37



49629C

Square

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



476D37



00708B



77568E



94513C

Rectangle

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



476D37



007266



77568E



994A61

Sweetspot

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



476D37



808F79



6D5D37



3E473B



C7C7C7



474747

Same Dimension

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



476D37



548F3B



376D42



323630



237500



49F500

Inverse Universe

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



5D376D



763B8F



6D3762



343036



530075



AC00F5

Previews

White Background



This preview shows how the Hex color 476D37 looks on a white background.

Color Contrast Check

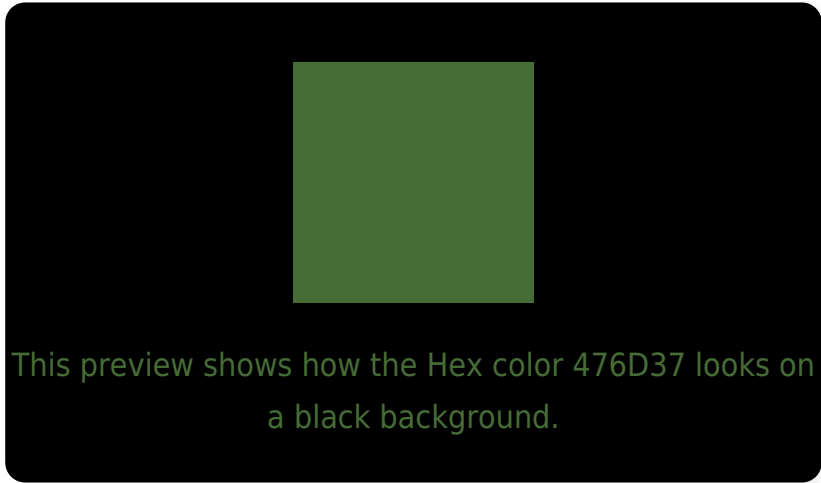
Large Text (above 18pt) WCAG AA ✓ Pass

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

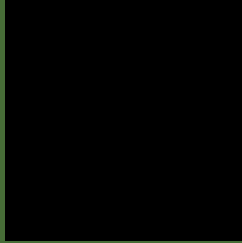
Any Text WCAG AA × Fail

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 476D37 Background



This preview shows how black text looks on a background with the Hex color 476D37.



This preview shows how white text looks on a background with the Hex color 476D37.

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
476D37

Protanopia
6D6334

Deuteranopia
785E3B

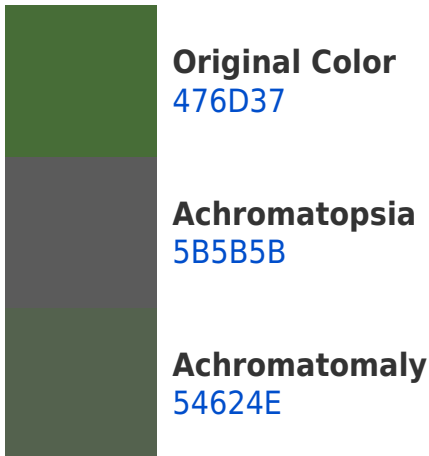


Tritanopia
50676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 476D37 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 #476D37 looks like.

```
.text, #text, p{  
    color:#476D37  
}
```

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 #476D37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476D37
}
```

Border

The CSS property to change the border of an element to Hex 476D37 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".

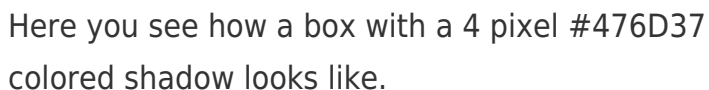
```
.border, #border, table{ border:4px solid
#476D37 }
```

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

```
.border{ border-color:#476D37 }
```

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

Here you see how a box with a 4 pixel #476D37 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476D37; -webkit-box-shadow:4px 4px  
4px 4px #476D37; box-shadow:4px 4px 4px  
4px #476D37 }
```

Background

The CSS property to change the background color of an element to Hex 476D37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476D37 }
```

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

```
.background{ background-color:#476D37 }
```

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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