

Converting Colors

Hex(476936)

Have a look what the booklet for
Hex(476936) contains.

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Color

Hex(476936)

Conversions

Conversions Part 1

Format	Color
Hex	476936
RGB	71, 105, 54
RGB Percent	28%, 41%, 21%
CMY	0.7216, 0.5882, 0.7882
CMYK	0.32, 0.00, 0.49, 0.59
HSL	100°, 32%, 31%
HSV	100°, 49%, 41%
XYZ	8.3160, 11.7091, 5.3118
YIQ	89.0200, -3.8930, -23.0690

Conversions

Conversions Part 2

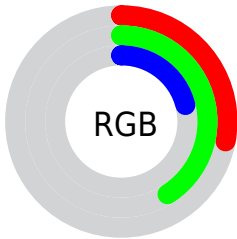
Format	Color
RYB	54, 105, 88
Decimal	4679990
CIELab	40.75, -22.64, 24.77
CIELCh	41, 33.556, 132.434
Yxy	11.7091, 0.3282, 0.4621
Android (android.graphics.Color)	4282870070 (0xFF476936)
YUV	89.0200, -17.2649, -15.8035
Hunter-Lab	34.2185, -16.5025, 14.7493

Details

The Hex color **476936** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **583669**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **799C66**, and **183909** is the 20% darker color. If you saturate the color by 10%, you get **40692B**, and if you desaturate by 10%, it is **4E6941**.

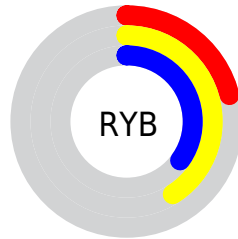
Distribution



Red (28%)

Green (41%)

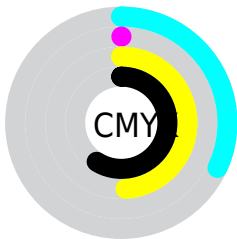
Blue (21%)



Red (21%)

Yellow (41%)

Blue (35%)

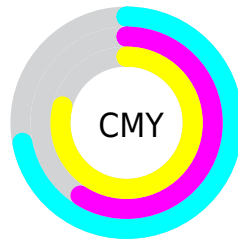


Cyan (32%)

Magenta (0%)

Yellow (49%)

Black (59%)



Cyan (72%)

Magenta (59%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 476936 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 476936 by changing the saturation by 10% instead.



476936



476936

FFFFFF



2F5120



799C66



183909



93B77F



002400



AED399



000500



CAF0B4



000000



E6FFD0



FFFEC



476936



476936



40692B



4E6941

■ 396921

■ 55694B

■ 326917

■ 5C6956

■ 2B690C

■ 636960

■ 246902

■ 6A696A

■ 236900

■ 716975

■ 786980

■ 7F698A

■ 866995

Harmonies

Analogous

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



656228



476936



1B6D4F

Triad

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



476936



006794



944956

Complementary

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



476936



583669

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.



8A4B71



476936



475F96

Square

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



476936



006C84



715489



8F4F3C

Rectangle

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



476936



006E61



715489



92495F

Sweetspot

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



476936



7C8A75



695836



3D4538



C4C4C4



454545

Same Dimension

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



476936



548A3A



36693E



323630



277500



52F500

Inverse Universe

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



583669



6F3A8A



693660



343036



4E0075



A300F5

Previews

White Background



This preview shows how the Hex color 476936 looks on a white background.

Color Contrast Check

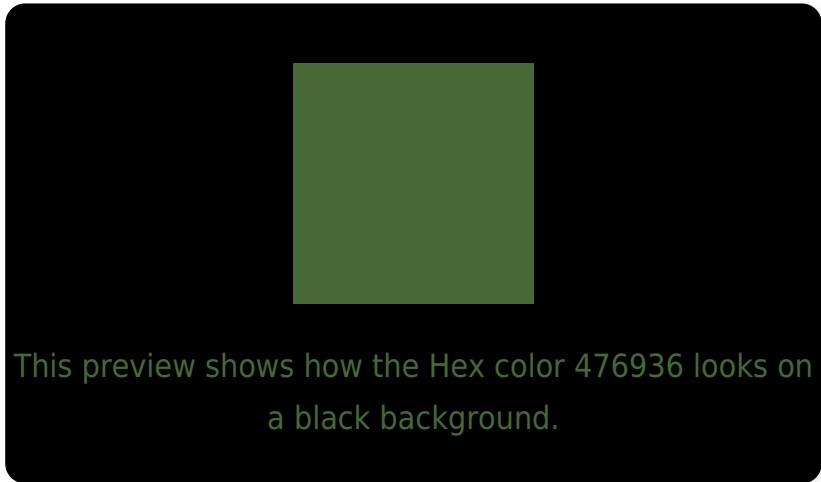
Large Text (above 18pt) WCAG AA ✓ Pass

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

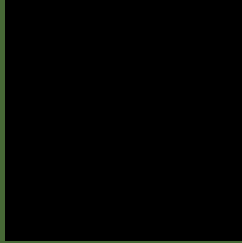
Any Text WCAG AA × Fail

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 476936 Background



This preview shows how black text looks on a background with the Hex color 476936.



This preview shows how white text looks on a background with the Hex color 476936.

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
476936

Protanopia
6A6033

Deuteranopia
745B39



Tritanopia
50636B

Trichromacy



Original Color
476936

Protanomaly
5D6334

Deuteranomaly
646038

Tritanomaly
4D6558

Monochromacy



Original Color
476936

Achromatopsia
595959

Achromatomaly
525F4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 476936 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 #476936 looks like.

```
.text, #text, p{  
    color:#476936  
}
```

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 #476936 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476936
}
```

Border

The CSS property to change the border of an element to Hex 476936 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".

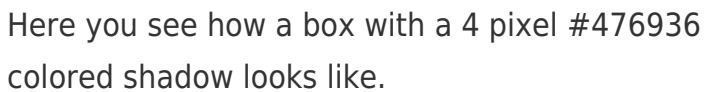
```
.border, #border, table{ border:4px solid
#476936 }
```

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

```
.border{ border-color:#476936 }
```

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

Here you see how a box with a 4 pixel #476936 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476936; -webkit-box-shadow:4px 4px  
4px 4px #476936; box-shadow:4px 4px 4px  
4px #476936 }
```

Background

The CSS property to change the background color of an element to Hex 476936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476936 }
```

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

```
.background{ background-color:#476936 }
```

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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