

Converting Colors

Hex(476501)

Have a look what the booklet for
Hex(476501) contains.

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Color

Hex(476501)

Conversions

Conversions Part 1

Format	Color
Hex	476501
RGB	71, 101, 1
RGB Percent	28%, 40%, 0%
CMY	0.7216, 0.6039, 0.9961
CMYK	0.30, 0.00, 0.99, 0.60
HSL	78°, 98%, 20%
HSV	78°, 99%, 40%
XYZ	7.2577, 10.6491, 1.7017
YIQ	80.6300, 14.2200, -37.4600

Conversions

Conversions Part 2

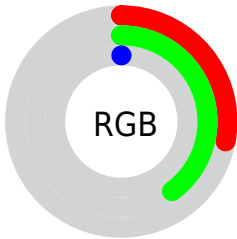
Format	Color
R_{YB}	1, 101, 31
Decimal	4678913
CIE Lab	38.98, -24.87, 44.79
CIE LCh	39, 51.237, 119.041
Yxy	10.6491, 0.3701, 0.5431
Android (android.graphics.Color)	4282868993 (0xFF476501)
YUV	80.6300, -39.2576, -8.4455
Hunter-Lab	32.6330, -17.4088, 19.7514

Details

The Hex color **476501** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1F0165**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7B983A**, and **143600** is the 20% darker color. If you saturate the color by 10%, you get **476500**, and if you desaturate by 10%, it is **4A650B**.

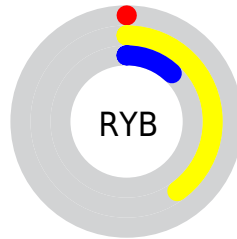
Distribution



Red (28%)

Green (40%)

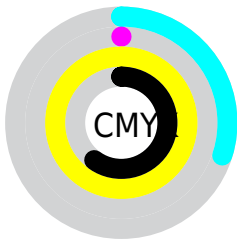
Blue (0%)



Red (0%)

Yellow (40%)

Blue (12%)

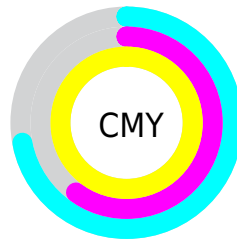


Cyan (30%)

Magenta (0%)

Yellow (99%)

Black (60%)



Cyan (72%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 476501 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 476501 by changing the saturation by 10% instead.

 476501

 476501

 FFFFF8

 2E4D00

 7B983A

 143600

 96B354

 002100

 B2CE6D

 000000

 CEEB88

 EBFFA3

 FFFFBE

 FFFFDB

 476501

 476501

■ 476500

■ 4A650B

■ 4D6515

■ 50651F

■ 536529

■ 566534

■ 59653E

■ 5C6548

■ 5F6552

■ 62655C

Harmonies

Analogous

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



705A00



476501



006C2E

Triad

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



476501



006BA3



A32F5F

Complementary

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



476501



1F0165

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.



8C3D87



476501



0061B0

Square

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



476501



006E83



5751A5



A33636

Rectangle

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



476501



006E4B



5751A5



9E326D

Sweetspot

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



476501



76825B



651F01



3B422A



C2C2C2



424242

Same Dimension

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



476501



5B8200



176501



31332E



507300



AAF200

Inverse Universe

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



1F0165



270082



510165



2F2E33



220073



4900F2

Previews

White Background



This preview shows how the Hex color 476501 looks on a white background.

Color Contrast Check

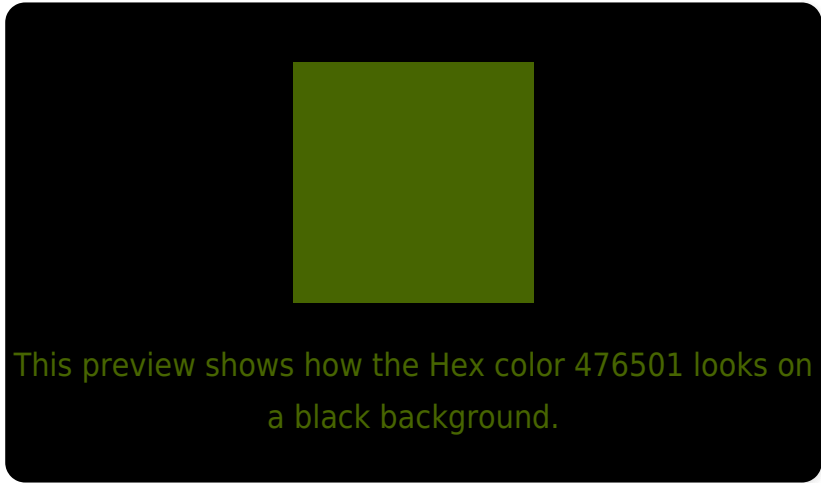
Large Text (above 18pt) WCAG AA ✓ Pass

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

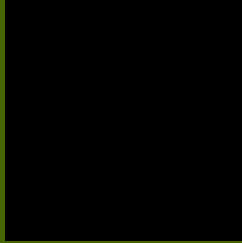
Any Text WCAG AA × Fail

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 476501 Background



This preview shows how black text looks on a background with the Hex color 476501.



This preview shows how white text looks on a background with the Hex color 476501.

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](#).

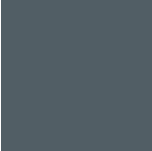
Dichromacy



Original Color
476501

Protanopia
675C00

Deuteranopia
745713



Tritanopia
515E65

Trichromacy



Original Color
476501

Protanomaly
5B5F00

Deuteranomaly
645C0C

Tritanomaly
4D6141

Monochromacy



Original Color
476501

Achromatopsia
515151

Achromatomaly
4D5834

CSS Examples

Text

The CSS property to change the color of the text to Hex 476501 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 #476501 looks like.

```
.text, #text, p{  
    color:#476501  
}
```

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 #476501 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476501
}
```

Border

The CSS property to change the border of an element to Hex 476501 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".

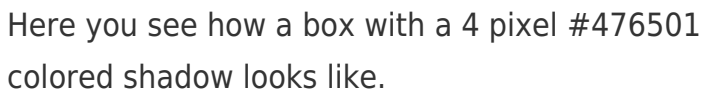
```
.border, #border, table{ border:4px solid
#476501 }
```

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

```
.border{ border-color:#476501 }
```

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

Here you see how a box with a 4 pixel #476501 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476501; -webkit-box-shadow:4px 4px  
4px 4px #476501; box-shadow:4px 4px 4px  
4px #476501 }
```

Background

The CSS property to change the background color of an element to Hex 476501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476501 }
```

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

```
.background{ background-color:#476501 }
```

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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