

# Converting Colors

Hex(476B04)

Have a look what the booklet for  
Hex(476B04) contains.

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**Color**

**Hex(476B04)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	476B04
RGB	71, 107, 4
RGB Percent	28%, 42%, 2%
CMY	0.7216, 0.5804, 0.9843
CMYK	0.34, 0.00, 0.96, 0.58
HSL	81°, 93%, 22%
HSV	81°, 96%, 42%
XYZ	7.8781, 11.8637, 1.9896
YIQ	84.4940, 11.6070, -39.6650

# Conversions

## Conversions Part 2

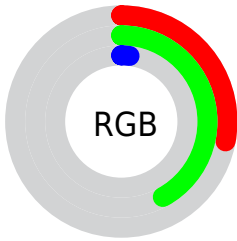
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	4, 107, 40
Decimal	4680452
CIE <sub>Lab</sub>	41.00, -27.68, 45.60
CIE <sub>LCh</sub>	41, 53.340, 121.261
Yxy	11.8637, 0.3625, 0.5459
Android (android.graphics.Color)	4282870532 (0xFF476B04)
YUV	84.4940, -39.6835, -11.8342
Hunter-Lab	34.4438, -19.4493, 20.6859

# Details

The Hex color **476B04** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **28046B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **7B9F3E**, and **133B00** is the 20% darker color. If you saturate the color by 10%, you get **466B00**, and if you desaturate by 10%, it is **4B6B0F**.

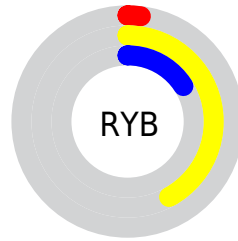
# Distribution



Red (28%)

Green (42%)

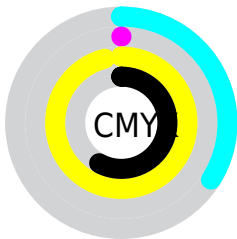
Blue (2%)



Red (2%)

Yellow (42%)

Blue (16%)

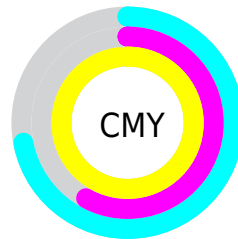


Cyan (34%)

Magenta (0%)

Yellow (96%)

Black (58%)



Cyan (72%)

Magenta (58%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 476B04 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 476B04 by changing the saturation by 10% instead.





476B04



476B04

FFFFFFC



2E5300



7B9F3E



133B00



96BA57



002600



B2D571



000700



CEF28B



000000



EBFFA7



FFFFC2



FFFFDF



476B04



476B04

■ 466B00

■ 4B6B0F

■ 4E6B19

■ 526B24

■ 566B2F

■ 5A6B3A

■ 5D6B44

■ 616B4F

■ 656B5A

■ 696B64

# Harmonies

## Analogous

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



735F00



476B04



007234

# Triad

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



476B04



0070AD



AC3161

# Complementary

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



476B04



28046B

# 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.



963F8B



476B04



0065B9

# Square

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



476B04



00748D



6154AC



AA3A36

# Rectangle

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



476B04



007452



6154AC



A8336F



# Sweetspot

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



476B04



7E8C64



6B2604



3F472E



C7C7C7



474747



# Same Dimension

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



476B04



5B8C00



156B04



343630



4C7500



9FF500



# Inverse Universe

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



28046B



31008C



5A046B



323036



290075

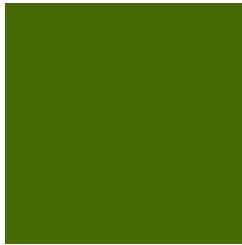


5600F5



# Previews

## White Background



This preview shows how the Hex color 476B04 looks on a white background.

## Color Contrast Check

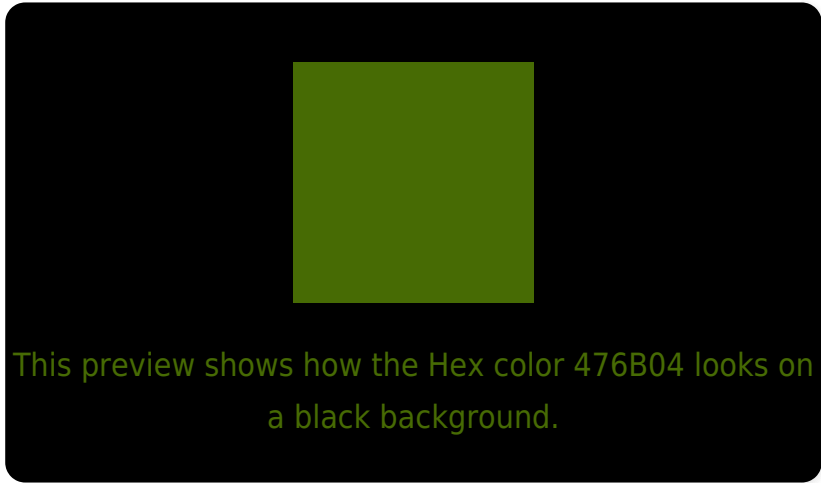
Large Text (above 18pt) WCAG AA ✓ Pass

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

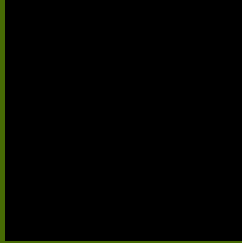
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 476B04 Background



This preview shows how black text looks on a background with the Hex color 476B04.



This preview shows how white text looks on a background with the Hex color 476B04.

# 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**  
476B04

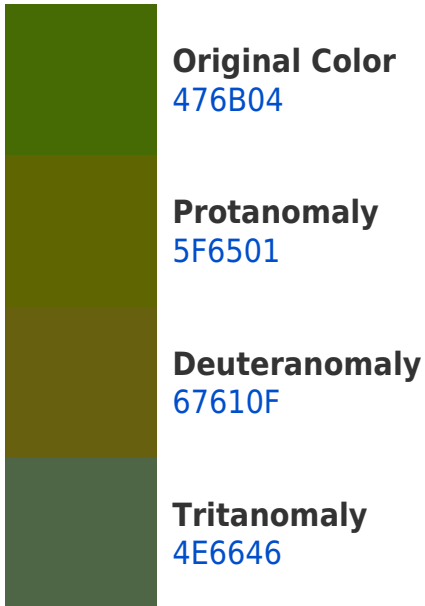
**Protanopia**  
6D6100

**Deuteranopia**  
7A5C15



**Tritanopia**  
52636B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 476B04 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 #476B04 looks like.

```
.text, #text, p{  
    color:#476B04  
}
```

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 #476B04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476B04
}
```

## Border

The CSS property to change the border of an element to Hex 476B04 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
#476B04 }
```

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

```
.border{ border-color:#476B04 }
```

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

Here you see how a box with a 4 pixel #476B04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476B04; -webkit-box-shadow:4px 4px  
4px 4px #476B04; box-shadow:4px 4px 4px  
4px #476B04 }
```

# Background

The CSS property to change the background color of an element to Hex 476B04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476B04 }
```

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

```
.background{ background-color:#476B04 }
```

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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