

# Converting Colors

Hex(466E04)

Have a look what the booklet for  
Hex(466E04) contains.

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**Color**

**Hex(466E04)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	466E04
RGB	70, 110, 4
RGB Percent	27%, 43%, 2%
CMY	0.7255, 0.5686, 0.9843
CMYK	0.36, 0.00, 0.96, 0.57
HSL	83°, 93%, 22%
HSV	83°, 96%, 43%
XYZ	8.1236, 12.4627, 2.0922
YIQ	85.9560, 10.1860, -41.4460

# Conversions

## Conversions Part 2

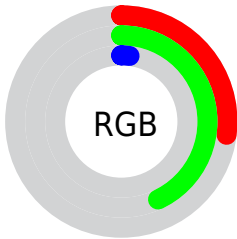
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	4, 110, 44
Decimal	4615684
CIE Lab	41.94, -29.51, 46.33
CIE LCh	42, 54.929, 122.491
Yxy	12.4627, 0.3582, 0.5495
Android (android.graphics.Color)	4282805764 (0xFF466E04)
YUV	85.9560, -40.4043, -13.9934
Hunter-Lab	35.3026, -20.7041, 21.1979

# Details

The Hex color **466E04** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2C046E**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **7BA23E**, and **113E00** is the 20% darker color. If you saturate the color by 10%, you get **446E00**, and if you desaturate by 10%, it is **4A6E0F**.

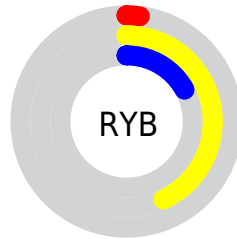
# Distribution



Red (27%)

Green (43%)

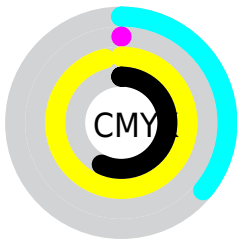
Blue (2%)



Red (2%)

Yellow (43%)

Blue (17%)

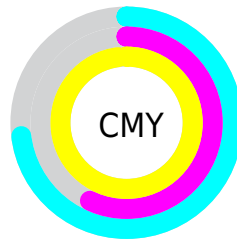


Cyan (36%)

Magenta (0%)

Yellow (96%)

Black (57%)



Cyan (73%)

Magenta (57%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 466E04 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 466E04 by changing the saturation by 10% instead.





466E04



466E04

FFFFFFD



2C5500



7BA23E



113E00



96BD58



002800



B1D972



000D00



CEF58C



000000



EBFFA8



FFFFC3



FFFFE0



466E04



466E04

■ 446E00

■ 4A6E0F

■ 4E6E1A

■ 526E25

■ 576E30

■ 5B6E3B

■ 5F6E46

■ 636E51

■ 676E5C

■ 6B6E67

# Harmonies

## Analogous

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



746200



466E04



007437

# Triad

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



466E04



0072B3



B13161

# Complementary

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



466E04



2C046E

# 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.



9C3F8E



466E04



0067BE

# Square

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



466E04



007793



6655B0



AE3C35

# Rectangle

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



466E04



007756



6655B0



AD3370



# Sweetspot

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



466E04



7F8F65



6E2B04



3E472E



C7C7C7



474747



# Same Dimension

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



466E04



598F00



126E04



363832



4B7800



9AF700



# Inverse Universe

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



2C046E



36008F



60046E



353238



2D0078



5D00F7



# Previews

## White Background



This preview shows how the Hex color 466E04 looks on a white background.

## Color Contrast Check

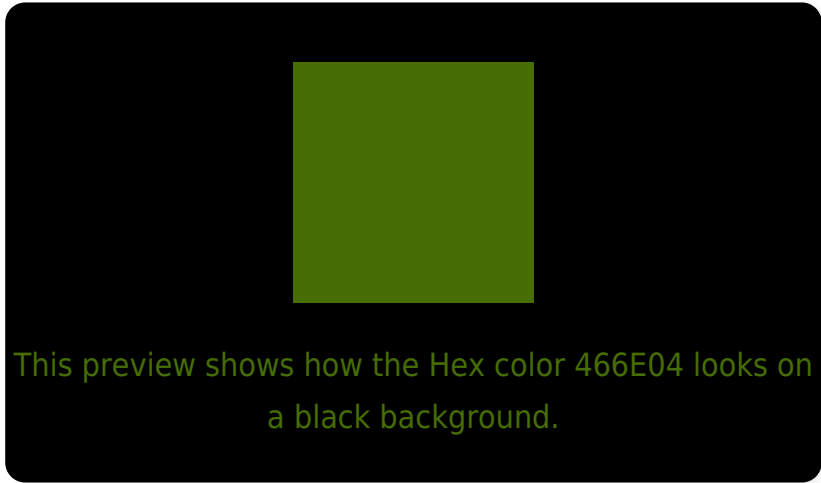
Large Text (above 18pt) WCAG AA ✓ Pass

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 466E04 Background



This preview shows how black text looks on a background with the Hex color 466E04.



This preview shows how white text looks on a background with the Hex color 466E04.

# 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](#).

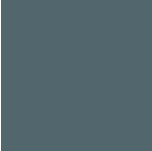
## Dichromacy



**Original Color**  
466E04

**Protanopia**  
6F6300

**Deuteranopia**  
7C5E16



**Tritanopia**  
52666E

# Trichromacy



**Original Color**  
466E04

**Protanomaly**  
606701

**Deuteranomaly**  
68640F

**Tritanomaly**  
4E6947

# Monochromacy



**Original Color**  
466E04

**Achromatopsia**  
565656

**Achromatomaly**  
505F38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 466E04 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 #466E04 looks like.

```
.text, #text, p{  
    color:#466E04  
}
```

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 #466E04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #466E04
}
```

## Border

The CSS property to change the border of an element to Hex 466E04 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".

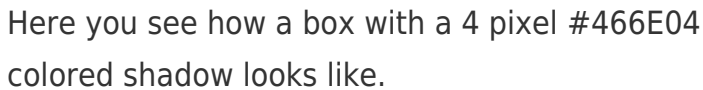
```
.border, #border, table{ border:4px solid
#466E04 }
```

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

```
.border{ border-color:#466E04 }
```

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

Here you see how a box with a 4 pixel #466E04 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #466E04; -webkit-box-shadow:4px 4px  
4px 4px #466E04; box-shadow:4px 4px 4px  
4px #466E04 }
```

# Background

The CSS property to change the background color of an element to Hex 466E04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#466E04 }
```

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

```
.background{ background-color:#466E04 }
```

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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