

Converting Colors

Hex(446E09)

Have a look what the booklet for
Hex(446E09) contains.

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Color

Hex(446E09)

Conversions

Conversions Part 1

Format	Color
Hex	446E09
RGB	68, 110, 9
RGB Percent	27%, 43%, 4%
CMY	0.7333, 0.5686, 0.9647
CMYK	0.38, 0.00, 0.92, 0.57
HSL	85°, 85%, 23%
HSV	85°, 92%, 43%
XYZ	8.0091, 12.4005, 2.2299
YIQ	85.9280, 7.3890, -40.3150

Conversions

Conversions Part 2

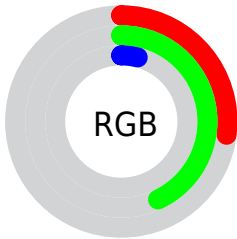
Format	Color
R_{YB}	9, 110, 51
Decimal	4484617
CIE Lab	41.85, -30.13, 45.02
CIE LCh	42, 54.168, 123.795
Yxy	12.4005, 0.3538, 0.5477
Android (android.graphics.Color)	4282674697 (0xFF446E09)
YUV	85.9280, -37.9255, -15.7229
Hunter-Lab	35.2144, -21.0273, 20.8957

Details

The Hex color **446E09** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **33096E**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **78A241**, and **0F3E00** is the 20% darker color. If you saturate the color by 10%, you get **406E00**, and if you desaturate by 10%, it is **496E14**.

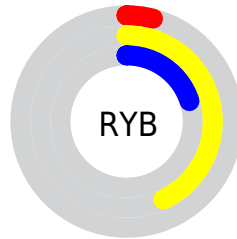
Distribution



 Red (27%)

 Green (43%)

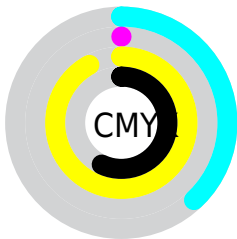
 Blue (4%)




 Red (4%)

 Yellow (43%)

 Blue (20%)

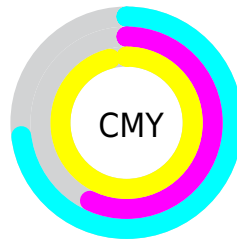


 Cyan (38%)

 Magenta (0%)

 Yellow (92%)

 Black (57%)



 Cyan (73%)

 Magenta (57%)

 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 446E09 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 446E09 by changing the saturation by 10% instead.



446E09



446E09

FFFFFF



2A5500



78A241



0F3E00



93BD5A



002800



AFD974



000C00



CBF68F



000000



E8FFAA



FFFFC6



FFFFE2



446E09



446E09

■ 406E00

■ 496E14

■ 4D6E1F

■ 526E2A

■ 566E35

■ 5B6E40

■ 5F6E4B

■ 646E56

■ 696E61

■ 6D6E6C

Harmonies

Analogous

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



726300



446E09



007439

Triad

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



446E09



0071B3



B1325F

Complementary

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



446E09



33096E

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.



9C3E8B



446E09



0066BC

Square

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



446E09



007693



6954AD



AC3D34

Rectangle

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



446E09



007658



6954AD



AD346E

Sweetspot

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



446E09



7E8F67



6E3109



3D472F



C7C7C7



474747

Same Dimension

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



446E09



538F00



136E09



363832



467800



90F700

Inverse Universe

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



33096E



3B008F



64096E



353238



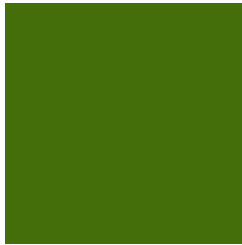
320078



6700F7

Previews

White Background



This preview shows how the Hex color 446E09 looks on a white background.

Color Contrast Check

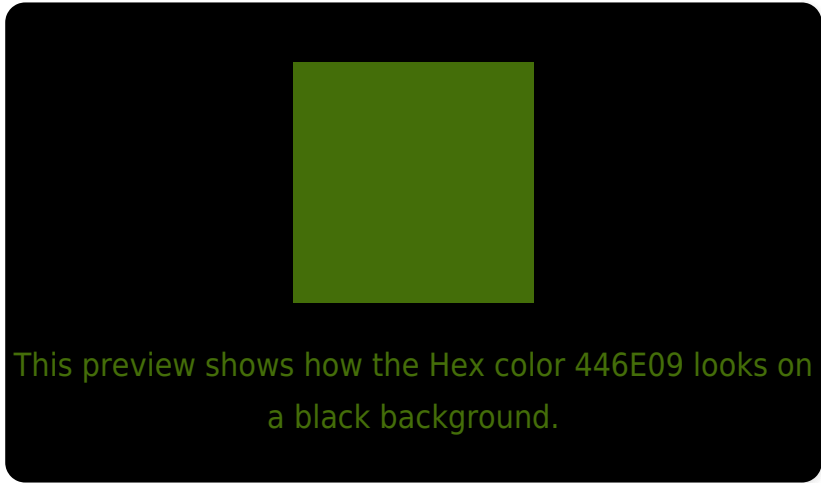
Large Text (above 18pt) WCAG AA ✓ Pass

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 446E09 Background



This preview shows how black text looks on a background with the Hex color 446E09.



This preview shows how white text looks on a background with the Hex color 446E09.

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
446E09

Protanopia
6F6300

Deuteranopia
7C5D17



Tritanopia
50666E

Trichromacy



Original Color
446E09

Protanomaly
5F6703

Deuteranomaly
686312

Tritanomaly
4C6949

Monochromacy



Original Color
446E09

Achromatopsia
565656

Achromatomaly
4F5F3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 446E09 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 #446E09 looks like.

```
.text, #text, p{  
    color:#446E09  
}
```

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 #446E09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446E09
}
```

Border

The CSS property to change the border of an element to Hex 446E09 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
#446E09 }
```

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

```
.border{ border-color:#446E09 }
```

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

Here you see how a box with a 4 pixel #446E09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446E09; -webkit-box-shadow:4px 4px  
4px 4px #446E09; box-shadow:4px 4px 4px  
4px #446E09 }
```

Background

The CSS property to change the background color of an element to Hex 446E09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446E09 }
```

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

```
.background{ background-color:#446E09 }
```

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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