

Converting Colors

Hex(446A17)

Have a look what the booklet for
Hex(446A17) contains.

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Color

Hex(446A17)

Conversions

Conversions Part 1

Format	Color
Hex	446A17
RGB	68, 106, 23
RGB Percent	27%, 42%, 9%
CMY	0.7333, 0.5843, 0.9098
CMYK	0.36, 0.00, 0.78, 0.58
HSL	87°, 64%, 25%
HSV	87°, 78%, 42%
XYZ	7.6926, 11.5989, 2.6440
YIQ	85.1760, 3.9950, -33.8690

Conversions

Conversions Part 2

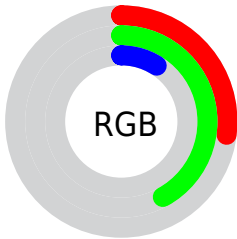
Format	Color
R_{YB}	23, 106, 61
Decimal	4483607
CIE Lab	40.57, -27.56, 39.62
CIE LCh	41, 48.265, 124.825
Yxy	11.5989, 0.3507, 0.5288
Android (android.graphics.Color)	4282673687 (0xFF446A17)
YUV	85.1760, -30.6528, -15.0634
Hunter-Lab	34.0571, -19.2816, 19.2371

Details

The Hex color **446A17** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3D176A**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **789E49**, and **123A00** is the 20% darker color. If you saturate the color by 10%, you get **3F6A0C**, and if you desaturate by 10%, it is **496A22**.

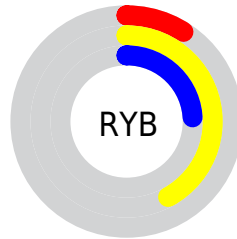
Distribution



 Red (27%)

 Green (42%)

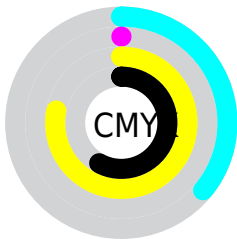
 Blue (9%)




 Red (9%)

 Yellow (42%)

 Blue (24%)

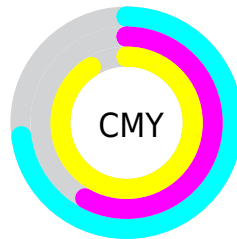


 Cyan (36%)

 Magenta (0%)

 Yellow (78%)

 Black (58%)



 Cyan (73%)

 Magenta (58%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 446A17 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 446A17 by changing the saturation by 10% instead.



446A17



446A17

FFFFFF



2B5200



789E49



123A00



92B962



002500



AED47C



000400



CAF196



000000



E6FFB2



FFFPCD



FFFPEA



446A17



446A17

■ 3F6A0C

■ 496A22

■ 3A6A02

■ 4E6A2C

■ 396A00

■ 536A37

■ 576A41

■ 5C6A4C

■ 616A57

■ 666A61

■ 6B6A6C

■ 706A76

Harmonies

Analogous

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



6D6000



446A17



00703C

Triad

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



446A17



006CA7



A6385B

Complementary

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



446A17



3D176A

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.



944082



446A17



0062AF

Square

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



446A17



00718C



6852A1



A24035

Rectangle

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



446A17



007257



6852A1



A23968

Sweetspot

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



446A17



7B8A6A



6A3C17



3C4532



C4C4C4



454545

Same Dimension

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



446A17



4E8A08



1B6A17



333630



407500



85F500

Inverse Universe

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



3D176A



44088A



66176A



333036



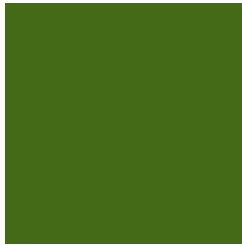
360075



7000F5

Previews

White Background



This preview shows how the Hex color 446A17 looks on a white background.

Color Contrast Check

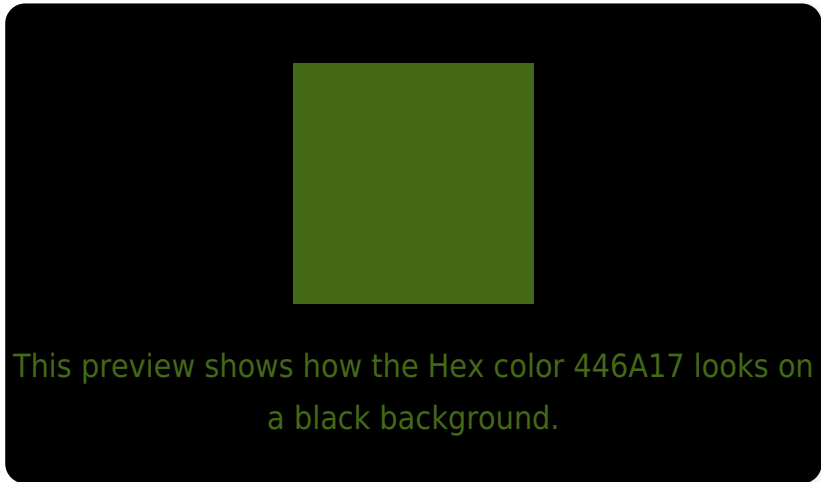
Large Text (above 18pt) WCAG AA ✓ Pass

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

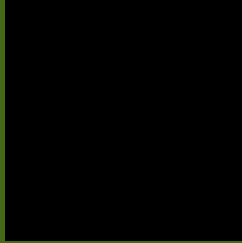
Any Text WCAG AA × Fail

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 446A17 Background



This preview shows how black text looks on a background with the Hex color 446A17.



This preview shows how white text looks on a background with the Hex color 446A17.

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
446A17

Protanopia
6B6014

Deuteranopia
775B1E



Tritanopia
4F636B

Trichromacy



Original Color
446A17

Protanomaly
5D6415

Deuteranomaly
64601B

Tritanomaly
4B664C

Monochromacy



Original Color
446A17

Achromatopsia
555555

Achromatomaly
4F5D3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 446A17 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 #446A17 looks like.

```
.text, #text, p{  
    color:#446A17  
}
```

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 #446A17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446A17  
}
```

Border

The CSS property to change the border of an element to Hex 446A17 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  
#446A17 }
```

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

```
.border{ border-color:#446A17 }
```

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

Here you see how a box with a 4 pixel #446A17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446A17; -webkit-box-shadow:4px 4px  
4px 4px #446A17; box-shadow:4px 4px 4px  
4px #446A17 }
```

Background

The CSS property to change the background color of an element to Hex 446A17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446A17 }
```

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

```
.background{ background-color:#446A17 }
```

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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