

Converting Colors

Hex(476902)

Have a look what the booklet for
Hex(476902) contains.

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Color

Hex(476902)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 476902 |
| RGB | 71, 105, 2 |
| RGB Percent | 28%, 41%, 1% |
| CMY | 0.7216, 0.5882, 0.9922 |
| CMYK | 0.32, 0.00, 0.98, 0.59 |
| HSL | 80°, 96%, 21% |
| HSV | 80°, 98%, 41% |
| XYZ | 7.6611, 11.4471, 1.8632 |
| YIQ | 83.0920, 12.7990, -39.2410 |

Conversions

Conversions Part 2

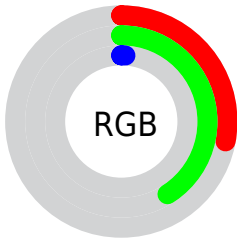
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 2, 105, 36 |
| Decimal | 4679938 |
| CIE _{Lab} | 40.32, -26.79, 45.57 |
| CIE _{LCh} | 40, 52.863, 120.450 |
| Yxy | 11.4471, 0.3653, 0.5458 |
| Android (android.graphics.Color) | 4282870018 (0xFF476902) |
| YUV | 83.0920, -39.9784, -10.6047 |
| Hunter-Lab | 33.8336, -18.7904, 20.4185 |

Details

The Hex color **476902** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **240269**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7B9C3C**, and **133900** is the 20% darker color. If you saturate the color by 10%, you get **466900**, and if you desaturate by 10%, it is **4A690C**.

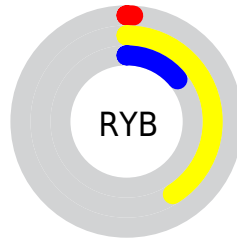
Distribution



Red (28%)

Green (41%)

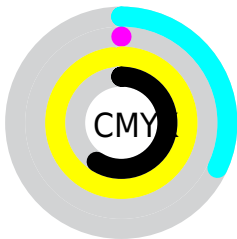
Blue (1%)



Red (1%)

Yellow (41%)

Blue (14%)

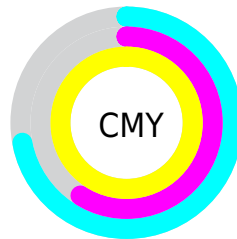


Cyan (32%)

Magenta (0%)

Yellow (98%)

Black (59%)



Cyan (72%)

Magenta (59%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 476902 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 476902 by changing the saturation by 10% instead.


 476902

 476902

 FFFFFA

 2E5100

 7B9C3C

 133900

 96B755

 002400

 B2D36F

 000200

 CEF08A

 000000

 EBFFA5

 FFFFC1

 FFFFDD

 476902

 476902

■ 466900

■ 4A690C

■ 4E6917

■ 516921

■ 55692C

■ 586936

■ 5C6941

■ 5F694B

■ 636956

■ 666961

Harmonies

Analogous

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



725D00



476902



007032

Triad

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



476902



006EAA



AA3060

Complementary

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



476902



240269

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.



933E8A



476902



0064B6

Square

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



476902



00728A



5D53AA



A83836

Rectangle

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



476902



00724F



5D53AA



A5326F

Sweetspot

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



476902



7D8A62



692302



3D452D



C4C4C4



454545

Same Dimension

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



476902



5C8A00



156902



343630



4F7500



A4F500

Inverse Universe

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



240269



2D008A



560269



323036



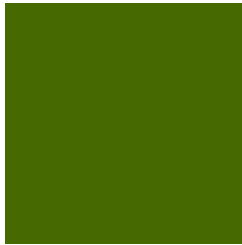
270075



5100F5

Previews

White Background



This preview shows how the Hex color 476902 looks on a white background.

Color Contrast Check

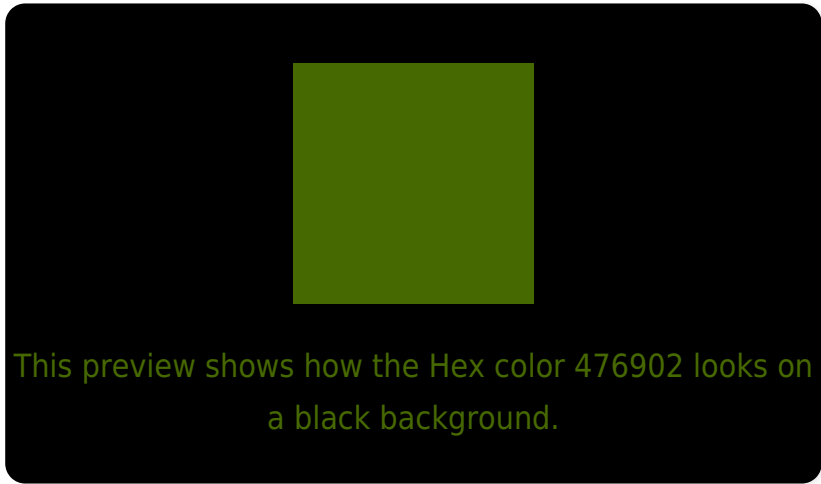
Large Text (above 18pt) WCAG AA ✓ Pass

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

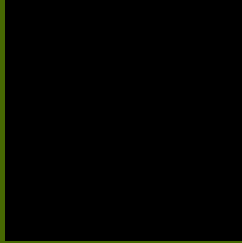
Any Text WCAG AA × Fail

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 476902 Background



This preview shows how black text looks on a background with the Hex color 476902.



This preview shows how white text looks on a background with the Hex color 476902.

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
476902

Protanopia
6B5F00

Deuteranopia
785A14



Tritanopia
516269

Trichromacy



Original Color
476902

Protanomaly
5E6301

Deuteranomaly
665F0D

Tritanomaly
4D6544

Monochromacy



Original Color
476902

Achromatopsia
535353

Achromatomaly
4F5B36

CSS Examples

Text

The CSS property to change the color of the text to Hex 476902 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 #476902 looks like.

```
.text, #text, p{  
    color:#476902  
}
```

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 #476902 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476902
}
```

Border

The CSS property to change the border of an element to Hex 476902 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
#476902 }
```

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

```
.border{ border-color:#476902 }
```

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

Here you see how a box with a 4 pixel #476902 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476902; -webkit-box-shadow:4px 4px  
4px 4px #476902; box-shadow:4px 4px 4px  
4px #476902 }
```

Background

The CSS property to change the background color of an element to Hex 476902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476902 }
```

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

```
.background{ background-color:#476902 }
```

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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