

Converting Colors

Hex(46491C)

Have a look what the booklet for
Hex(46491C) contains.

Hex(46491C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(46491C)

Conversions

Conversions Part 1

Format	Color
Hex	46491C
RGB	70, 73, 28
RGB Percent	27%, 29%, 11%
CMY	0.7255, 0.7137, 0.8902
CMYK	0.04, 0.00, 0.62, 0.71
HSL	64°, 45%, 20%
HSV	64°, 62%, 29%
XYZ	5.1179, 6.1510, 2.0161
YIQ	66.9730, 12.6570, -14.6310

Conversions

Conversions Part 2

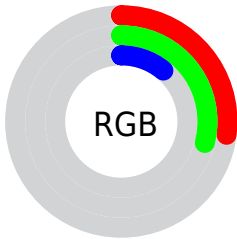
Format	Color
R_{YB}	28, 73, 31
Decimal	4606236
CIE _{Lab}	29.79, -8.56, 26.04
CIE _{LCh}	30, 27.409, 108.205
Yxy	6.1510, 0.3852, 0.4630
Android (android.graphics.Color)	4282796316 (0xFF46491C)
YUV	66.9730, -19.2137, 2.6547
Hunter-Lab	24.8012, -6.5673, 12.5411

Details

The Hex color **46491C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1F1C49**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **78794A**, and **191E00** is the 20% darker color. If you saturate the color by 10%, you get **464915**, and if you desaturate by 10%, it is **464923**.

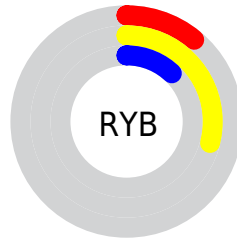
Distribution



 Red (27%)

 Green (29%)

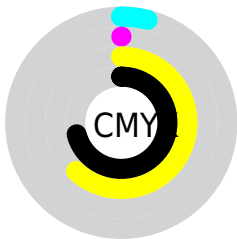
 Blue (11%)



 Red (11%)

 Yellow (29%)

 Blue (12%)

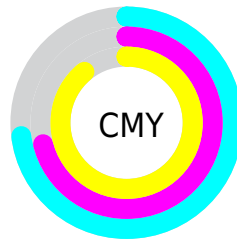



 Cyan (4%)


 Magenta (0%)

 Yellow (62%)

 Black (71%)



 Cyan (73%)

 Magenta (71%)

 Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46491C 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 46491C by changing the saturation by 10% instead.



46491C



46491C

FFFFFF



2F3304



78794A



191E00



929362



000000



ADAE7B



C8C995



E5E5B0



FFFFCB



FFFFE8



46491C



46491C

■ 464915

■ 464923

■ 45490D

■ 47492B

■ 454906

■ 474932

■ 444900

■ 484939

■ 484941

■ 494948

■ 49494F

■ 4A4956

■ 4A495E

Harmonies

Analogous

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



5A421C



46491C



2D4E29

Triad

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



46491C



004F65



69354F

Complementary

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



46491C



1F1C49

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.



583B63



46491C



004B70

Square

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



46491C



005153



3A446F



6E353A

Rectangle

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



46491C



175036



3A446F



653756

Sweetspot

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



46491C



5D5E4D



491F1C



303026



B0B0B0



303030

Same Dimension

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



46491C



5A5E19



30491C



232420



5D6300



D4E300

Inverse Universe

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



1F1C49



1D195E



351C49



202024



070063



0F00E3

Previews

White Background



This preview shows how the Hex color 46491C looks on a white background.

Color Contrast Check

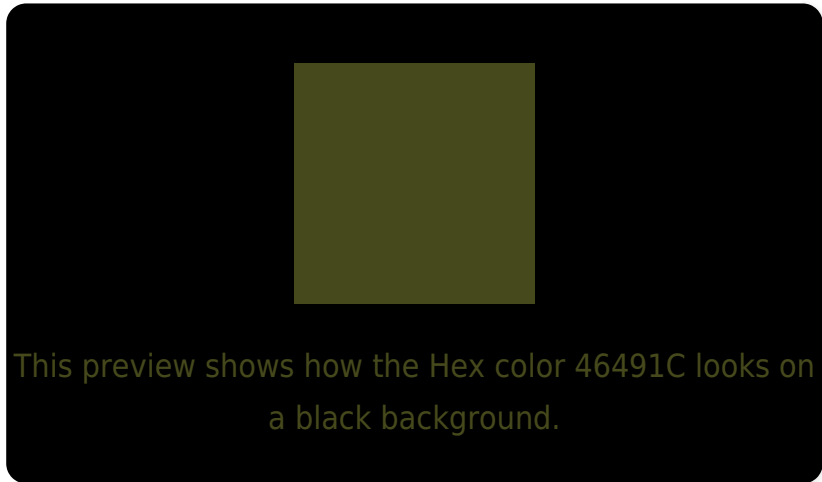
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

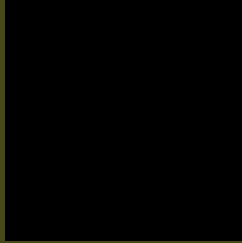
Any Text WCAG AA × Fail

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 46491C Background



This preview shows how black text looks on a background with the Hex color 46491C.



This preview shows how white text looks on a background with the Hex color 46491C.

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
46491C

Protanopia
4E461B

Deuteranopia
57431E



Tritanopia
4B444A

Trichromacy



Original Color
46491C

Protanomaly
4B471B

Deuteranomaly
51451D

Tritanomaly
494639

Monochromacy



Original Color
46491C

Achromatopsia
434343

Achromatomaly
444535

CSS Examples

Text

The CSS property to change the color of the text to Hex 46491C 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 #46491C looks like.

```
.text, #text, p{  
    color:#46491C  
}
```

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 #46491C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46491C  
}
```

Border

The CSS property to change the border of an element to Hex 46491C is called "border". The border property can be set on classes, ids or directly on the HTML element.

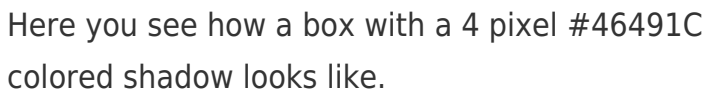
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#46491C }
```

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

```
.border{ border-color:#46491C }
```

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



Here you see how a box with a 4 pixel #46491C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46491C; -webkit-box-shadow:4px 4px  
4px 4px #46491C; box-shadow:4px 4px 4px  
4px #46491C }
```

Background

The CSS property to change the background color of an element to Hex 46491C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46491C }
```

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

```
.background{ background-color:#46491C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor