

Converting Colors

Hex(46261C)

Have a look what the booklet for
Hex(46261C) contains.

Hex(46261C)	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(46261C)

Conversions

Conversions Part 1

Format	Color
Hex	46261C
RGB	70, 38, 28
RGB Percent	27%, 15%, 11%
CMY	0.7255, 0.8510, 0.8902
CMYK	0.00, 0.46, 0.60, 0.73
HSL	14°, 43%, 19%
HSV	14°, 60%, 27%
XYZ	3.4285, 2.7722, 1.4530
YIQ	46.4280, 22.2820, 3.6740

Conversions

Conversions Part 2

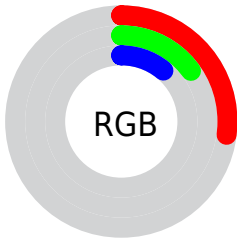
Format	Color
RYB	70, 41, 28
Decimal	4597276
CIELab	19.11, 13.88, 13.09
CIELCh	19, 19.081, 43.323
Yxy	2.7722, 0.4480, 0.3622
Android (android.graphics.Color)	4282787356 (0xFF46261C)
YUV	46.4280, -9.0850, 20.6726
Hunter-Lab	16.6498, 7.6193, 6.4808

Details

The Hex color **46261C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1C3C46**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **785348**, and **160000** is the 20% darker color. If you saturate the color by 10%, you get **462115**, and if you desaturate by 10%, it is **462B23**.

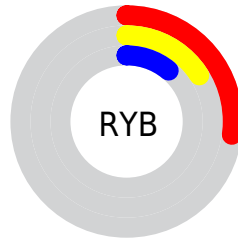
Distribution



Red (27%)

Green (15%)

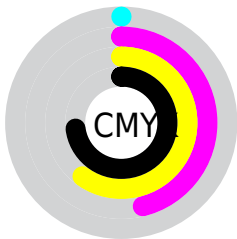
Blue (11%)



Red (27%)

Yellow (16%)

Blue (11%)

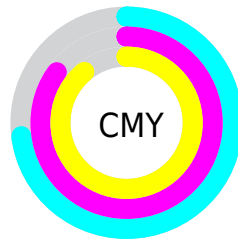


Cyan (0%)

Magenta (46%)

Yellow (60%)

Black (73%)



Cyan (73%)

Magenta (85%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46261C 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 46261C by changing the saturation by 10% instead.

 46261C

 46261C

FFFFFF

 2F1102

 785348

 160000

 936C5F

 000000

 AE8578

 CA9F92

 E7BAAC

 FFD6C8

 FFF2E4

 46261C

 46261C

■ 462115

■ 462B23

■ 461B0E

■ 46312A

■ 461607

■ 463631

■ 461100

■ 463B38

■ 46413F

■ 464646

■ 464B4D

■ 465154

■ 46565B

Harmonies

Analogous

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



492329



46261C



3D2B14

Triad

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



46261C



0D3526



232E49

Complementary

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



46261C



1C3C46

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.



023249



46261C



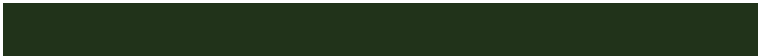
003634

Square

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



46261C



21331A



003541



382843

Rectangle

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



46261C



352E12



003541



1A2F4A

Sweetspot

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



46261C



5C4F4B



461C3C



2E2624



ADADAD



2E2E2E

Same Dimension

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



46261C



5C291A



463B1C



242120



631800



E33600

Inverse Universe

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



1C3C46



1A4C5C



1C2746



202324



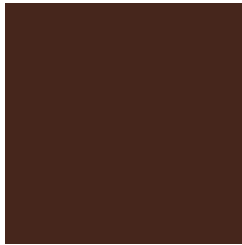
004C63



00AE3

Previews

White Background



This preview shows how the Hex color 46261C looks on a white background.

Color Contrast Check

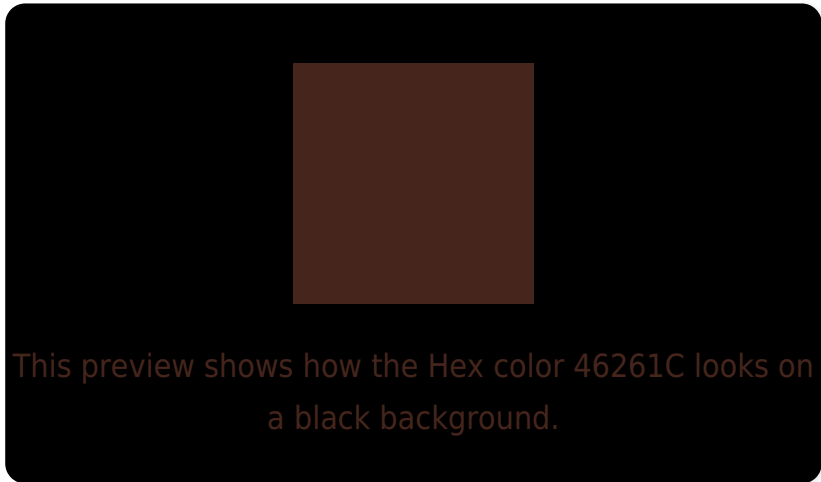
Large Text (above 18pt) WCAG AA ✓ Pass

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

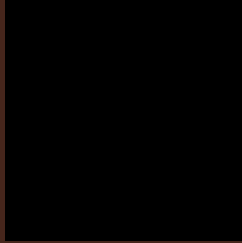
Any Text WCAG AA × Fail

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 46261C Background



This preview shows how black text looks on a background with the Hex color 46261C.

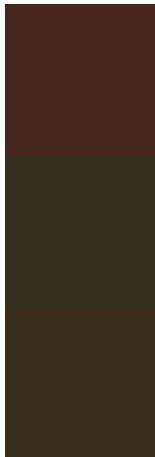


This preview shows how white text looks on a background with the Hex color 46261C.

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
46261C

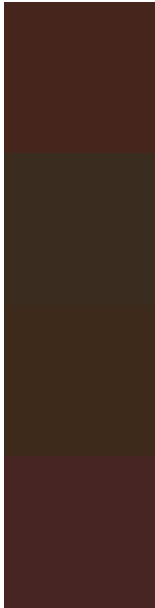
Protanopia
332F1F

Deuteranopia
392D1B



Tritanopia
472527

Trichromacy



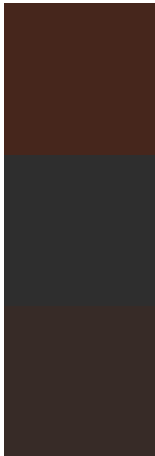
Original Color
46261C

Protanomaly
3A2C1E

Deuteranomaly
3E2A1B

Tritanomaly
472523

Monochromacy



Original Color
46261C

Achromatopsia
2E2E2E

Achromatomaly
372B27

CSS Examples

Text

The CSS property to change the color of the text to Hex 46261C 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 #46261C looks like.

```
.text, #text, p{  
    color:#46261C  
}
```

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 #46261C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46261C  
}
```

Border

The CSS property to change the border of an element to Hex 46261C is called "border". The border property can be set on classes, ids or directly on the HTML element.

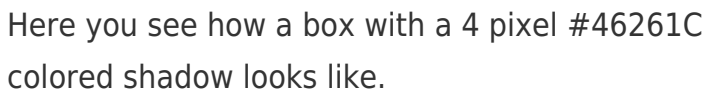
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#46261C }
```

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

```
.border{ border-color:#46261C }
```

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



Here you see how a box with a 4 pixel #46261C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46261C; -webkit-box-shadow:4px 4px  
4px 4px #46261C; box-shadow:4px 4px 4px  
4px #46261C }
```

Background

The CSS property to change the background color of an element to Hex 46261C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46261C }
```

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

```
.background{ background-color:#46261C }
```

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