

Converting Colors

Hex(46281E)

Have a look what the booklet for
Hex(46281E) contains.

Hex(46281E)	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(46281E)

Conversions

Conversions Part 1

Format	Color
Hex	46281E
RGB	70, 40, 30
RGB Percent	27%, 16%, 12%
CMY	0.7255, 0.8431, 0.8824
CMYK	0.00, 0.43, 0.57, 0.73
HSL	15°, 40%, 20%
HSV	15°, 57%, 27%
XYZ	3.5189, 2.9134, 1.6052
YIQ	47.8300, 21.0900, 3.2500

Conversions

Conversions Part 2

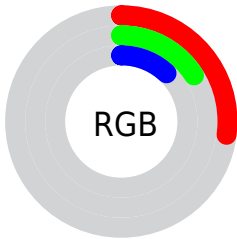
Format	Color
R_{YB}	70, 43, 30
Decimal	4597790
CIE Lab	19.69, 12.79, 12.50
CIE LCh	20, 17.887, 44.338
Yxy	2.9134, 0.4378, 0.3625
Android (android.graphics.Color)	4282787870 (0xFF46281E)
YUV	47.8300, -8.7902, 19.4431
Hunter-Lab	17.0687, 6.9297, 6.3724

Details

The Hex color **46281E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1E3C46**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **78554A**, and **180001** is the 20% darker color. If you saturate the color by 10%, you get **462317**, and if you desaturate by 10%, it is **462D25**.

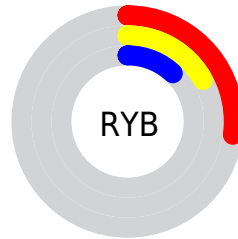
Distribution



Red (27%)

Green (16%)

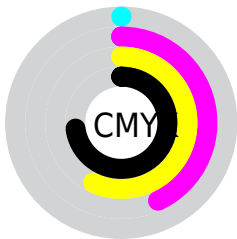
Blue (12%)



Red (27%)

Yellow (17%)

Blue (12%)

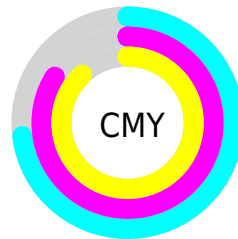


Cyan (0%)

Magenta (43%)

Yellow (57%)

Black (73%)



Cyan (73%)

Magenta (84%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46281E 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 46281E by changing the saturation by 10% instead.



46281E



46281E

FFFFFF



2F1306



78554A



180001



936E62



000000



AE877A



CAA294



E6BDAF



FFD8CA



FFF5E6



46281E



46281E

■ 462317

■ 462D25

■ 461D10

■ 46332C

■ 461809

■ 463833

■ 461302

■ 463D3A

■ 461200

■ 464241

■ 464848

■ 464D4F

■ 465256

■ 46575D

Harmonies

Analogous

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



49252A



46281E



3E2C16

Triad

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



46281E



113628



262F49

Complementary

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



46281E



1E3C46

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.



0C3349



46281E



003636

Square

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



46281E



23341C



003641



392A42

Rectangle

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



46281E



363015



003641



1F304A

Sweetspot

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



46281E



5C504C



461E3C



2E2725



ADADAD



2E2E2E

Same Dimension

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



46281E



5C2C1C



463C1E



242120



631900



E33900

Inverse Universe

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



1E3C46



1C4C5C



1E2846



202324



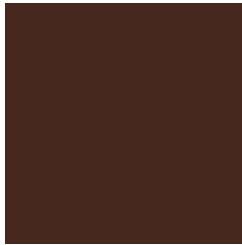
004B63



00AAE3

Previews

White Background



This preview shows how the Hex color 46281E looks on a white background.

Color Contrast Check

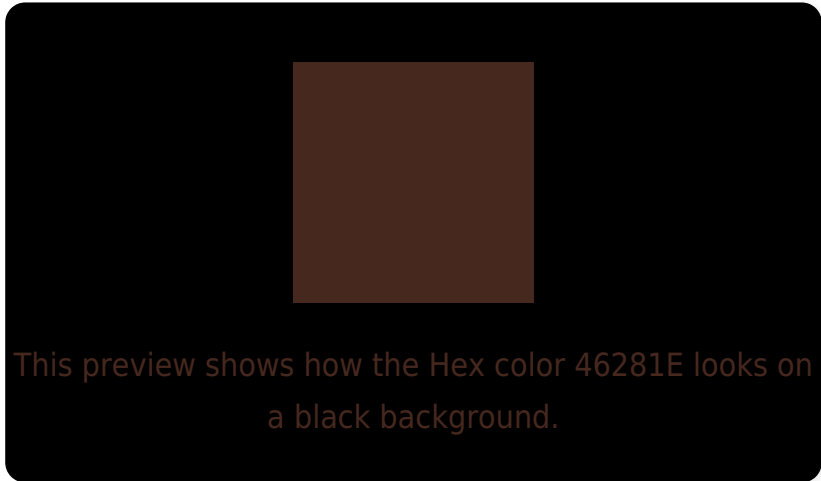
Large Text (above 18pt) WCAG AA ✓ Pass

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

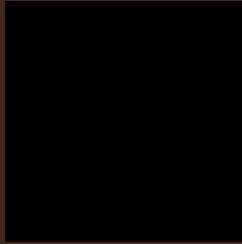
Any Text WCAG AA × Fail

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 46281E Background



This preview shows how black text looks on a background with the Hex color 46281E.

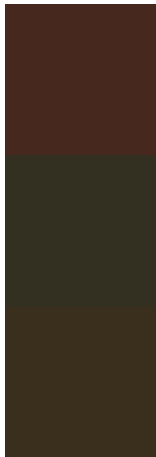


This preview shows how white text looks on a background with the Hex color 46281E.

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
46281E

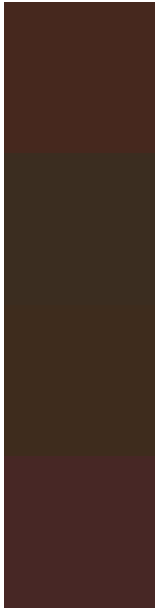
Protanopia
343021

Deuteranopia
3A2E1D



Tritanopia
472629

Trichromacy



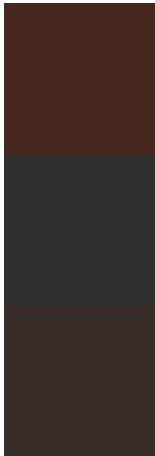
Original Color
46281E

Protanomaly
3B2D20

Deuteranomaly
3E2C1D

Tritanomaly
472725

Monochromacy



Original Color
46281E

Achromatopsia
303030

Achromatomaly
382D29

CSS Examples

Text

The CSS property to change the color of the text to Hex 46281E 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 #46281E looks like.

```
.text, #text, p{  
    color:#46281E  
}
```

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 #46281E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46281E
}
```

Border

The CSS property to change the border of an element to Hex 46281E is called "border". The border property can be set on classes, ids or directly on the HTML element.

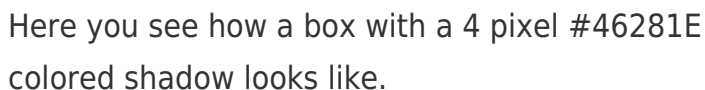
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#46281E }
```

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

```
.border{ border-color:#46281E }
```

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



Here you see how a box with a 4 pixel #46281E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46281E; -webkit-box-shadow:4px 4px  
4px 4px #46281E; box-shadow:4px 4px 4px  
4px #46281E }
```

Background

The CSS property to change the background color of an element to Hex 46281E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46281E }
```

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

```
.background{ background-color:#46281E }
```

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