

Converting Colors

Hex(41470B)

Have a look what the booklet for
Hex(41470B) contains.

Hex(41470B)	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(41470B)

Conversions

Conversions Part 1

Format	Color
Hex	41470B
RGB	65, 71, 11
RGB Percent	25%, 28%, 4%
CMY	0.7451, 0.7216, 0.9569
CMYK	0.08, 0.00, 0.85, 0.72
HSL	66°, 73%, 16%
HSV	66°, 85%, 28%
XYZ	4.4936, 5.6545, 1.1712
YIQ	62.3660, 15.6840, -19.9320

Conversions

Conversions Part 2

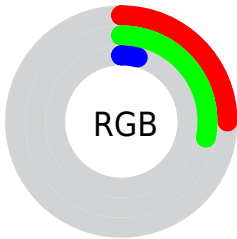
Format	Color
RYB	11, 71, 17
Decimal	4278027
CIELab	28.52, -11.12, 32.62
CIELCh	29, 34.458, 108.818
Yxy	5.6545, 0.3970, 0.4995
Android (android.graphics.Color)	4282468107 (0xFF41470B)
YUV	62.3660, -25.3234, 2.3100
Hunter-Lab	23.7791, -7.8817, 13.7252

Details

The Hex color **41470B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **110B47**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **73773A**, and **111C00** is the 20% darker color. If you saturate the color by 10%, you get **404704**, and if you desaturate by 10%, it is **424712**.

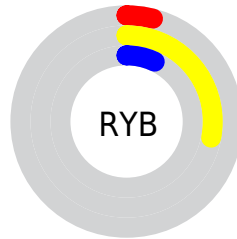
Distribution



Red (25%)

Green (28%)

Blue (4%)



Red (4%)

Yellow (28%)

Blue (7%)

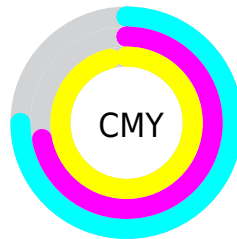


Cyan (8%)

Magenta (0%)

Yellow (85%)

Black (72%)



Cyan (75%)

Magenta (72%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41470B 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 41470B by changing the saturation by 10% instead.


 41470B

 41470B

 FFFFF3

 2B3100

 73773A

 111C00

 8D9152

 000000

 A8AB6B

 C4C785

 E0E3A0

 FDFFB3

 FFFFD7

 41470B

 41470B

■ 404704

■ 424712

■ 404700

■ 424719

■ 434720

■ 444727

■ 45472F

■ 454736

■ 46473D

■ 474744

■ 47474B

Harmonies

Analogous

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



593E0B



41470B



214D1E

Triad

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



41470B



004E6B



6E2B4E

Complementary

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



41470B



110B47

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.



593567



41470B



004977

Square

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



41470B



005054



314076



732B34

Rectangle

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



41470B



004F2F



314076



692E57

Sweetspot

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



41470B



5A5C45



47110B



2D2E20



ADADAD



2E2E2E

Same Dimension

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



41470B



535C00



23470B



232420



5A6300



CCE300

Inverse Universe

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



110B47



09005C



2F0B47



202024



0A0063



1700E3

Previews

White Background



This preview shows how the Hex color 41470B looks on a white background.

Color Contrast Check

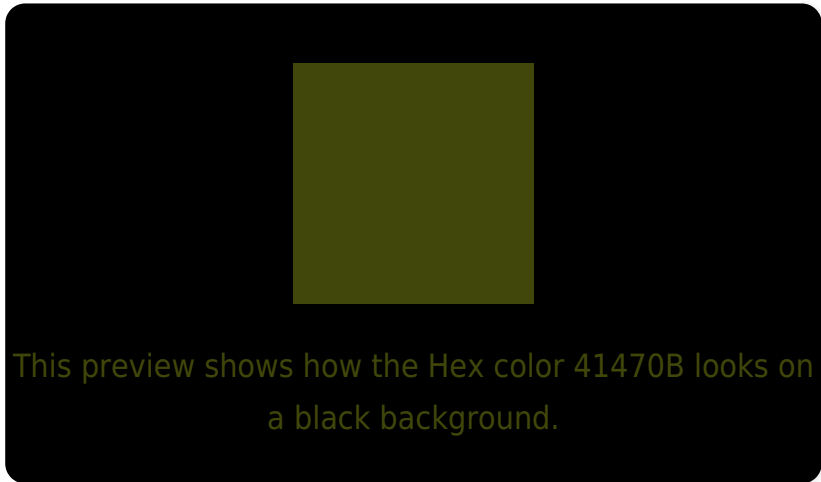
Large Text (above 18pt) WCAG AA ✓ Pass

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

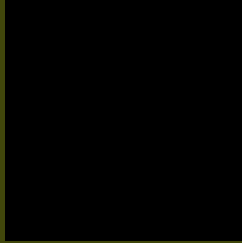
Any Text WCAG AA × Fail

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 41470B Background



This preview shows how black text looks on a background with the Hex color 41470B.



This preview shows how white text looks on a background with the Hex color 41470B.

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
41470B

Protanopia
4C440A

Deuteranopia
554010



Tritanopia
464247

Trichromacy



Original Color
41470B

Protanomaly
48450A

Deuteranomaly
4E430E

Tritanomaly
444431

Monochromacy



Original Color
41470B

Achromatopsia
3E3E3E

Achromatomaly
3F412B

CSS Examples

Text

The CSS property to change the color of the text to Hex 41470B 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 #41470B looks like.

```
.text, #text, p{  
    color:#41470B  
}
```

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 #41470B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41470B  
}
```

Border

The CSS property to change the border of an element to Hex 41470B is called "border". The border property can be set on classes, ids or directly on the HTML element.

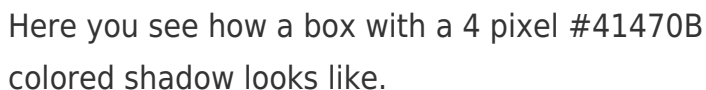
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#41470B }
```

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

```
.border{ border-color:#41470B }
```

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



Here you see how a box with a 4 pixel #41470B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41470B; -webkit-box-shadow:4px 4px  
4px 4px #41470B; box-shadow:4px 4px 4px  
4px #41470B }
```

Background

The CSS property to change the background color of an element to Hex 41470B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41470B }
```

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

```
.background{ background-color:#41470B }
```

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