

Converting Colors

Hex(421714)

Have a look what the booklet for
Hex(421714) contains.

Hex(421714)	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(421714)

Conversions

Conversions Part 1

Format	Color
Hex	421714
RGB	66, 23, 20
RGB Percent	26%, 9%, 8%
CMY	0.7412, 0.9098, 0.9216
CMYK	0.00, 0.65, 0.70, 0.74
HSL	4°, 53%, 17%
HSV	4°, 70%, 26%
XYZ	2.6794, 1.8215, 0.8722
YIQ	35.5150, 26.5910, 8.1830

Conversions

Conversions Part 2

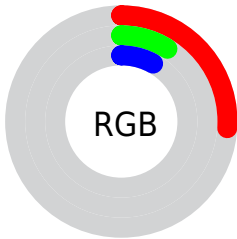
Format	Color
RYB	66, 23, 20
Decimal	4331284
CIELab	14.52, 20.62, 12.56
CIElCh	15, 24.141, 31.356
Yxy	1.8215, 0.4987, 0.3390
Android (android.graphics.Color)	4282521364 (0xFF421714)
YUV	35.5150, -7.6489, 26.7353
Hunter-Lab	13.4965, 11.8184, 5.6160

Details

The Hex color **421714** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **143F42**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **75443E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **42110D**, and if you desaturate by 10%, it is **421D1B**.

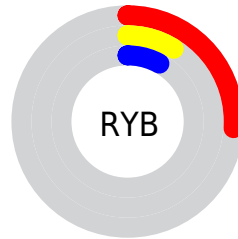
Distribution



 Red (26%)

 Green (9%)

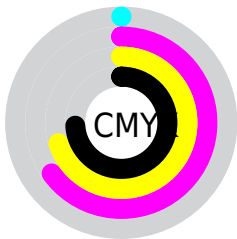
 Blue (8%)




 Red (26%)

 Yellow (9%)

 Blue (8%)

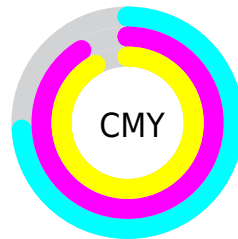


 Cyan (0%)

 Magenta (65%)

 Yellow (70%)

 Black (74%)



 Cyan (74%)

 Magenta (91%)

 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 421714 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 421714 by changing the saturation by 10% instead.

 421714

 421714

 FFFDF4

 2B0000

 75443E

 000000

 905C55

 AB756E

 C78E87

 E4A9A1

 FFC4BC

 FFE1D8

 421714

 421714

■ 42110D

■ 421D1B

■ 420B07

■ 422321

■ 420400

■ 422A28

■ 42302E

■ 423635

■ 423C3C

■ 424242

■ 424849

■ 424F4F

Harmonies

Analogous

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



431425



421714



3A1E01

Triad

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



421714



012B14



002647

Complementary

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



421714



143F42

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.



002B42



421714



002D25

Square

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



421714



1D2901



002C36



262042

Rectangle

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



421714



322200



002C36



002846

Sweetspot

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



421714



574644



421440



2B2121



ABABAB



2B2B2B

Same Dimension

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



421714



57130E



422D14



211E1E



610600



E00F00

Inverse Universe

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



143F42



0E5257



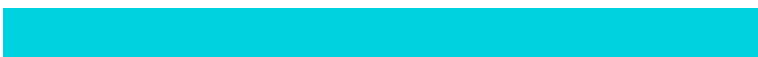
142942



1E2121



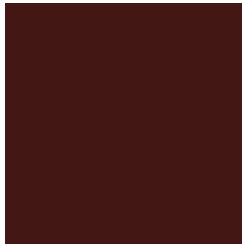
005B61



00D2E0

Previews

White Background



This preview shows how the Hex color 421714 looks on a white background.

Color Contrast Check

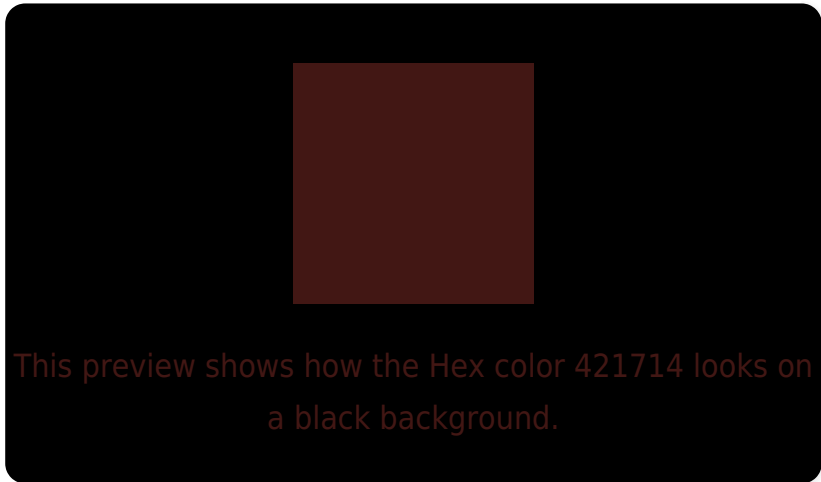
Large Text (above 18pt) WCAG AA ✓ Pass

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

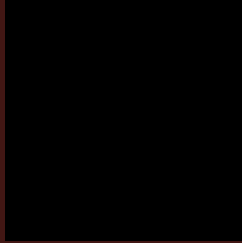
Any Text WCAG AA × Fail

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 421714 Background



This preview shows how black text looks on a background with the Hex color 421714.

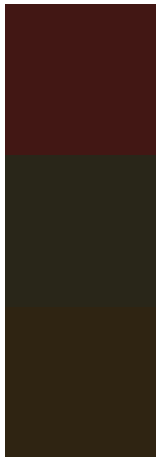


This preview shows how white text looks on a background with the Hex color 421714.

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
421714

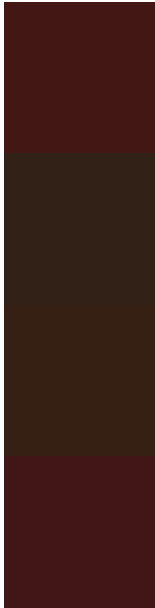
Protanopia
292619

Deuteranopia
2F2412



Tritanopia
421618

Trichromacy



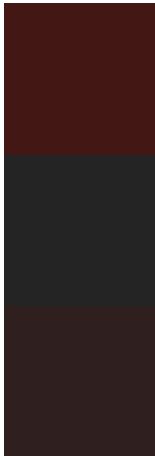
Original Color
421714

Protanomaly
322117

Deuteranomaly
361F13

Tritanomaly
421617

Monochromacy



Original Color
421714

Achromatopsia
242424

Achromatomaly
2F1F1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 421714 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 #421714 looks like.

```
.text, #text, p{  
    color:#421714  
}
```

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 #421714 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #421714
}
```

Border

The CSS property to change the border of an element to Hex 421714 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".

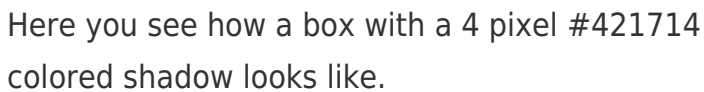
```
.border, #border, table{ border:4px solid
#421714 }
```

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

```
.border{ border-color:#421714 }
```

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

Here you see how a box with a 4 pixel #421714 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #421714; -webkit-box-shadow:4px 4px  
4px 4px #421714; box-shadow:4px 4px 4px  
4px #421714 }
```

Background

The CSS property to change the background color of an element to Hex 421714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#421714 }
```

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

```
.background{ background-color:#421714 }
```

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