

Converting Colors

Hex(442F1A)

Have a look what the booklet for
Hex(442F1A) contains.

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Color

Hex(442F1A)

Conversions

Conversions Part 1

Format	Color
Hex	442F1A
RGB	68, 47, 26
RGB Percent	27%, 18%, 10%
CMY	0.7333, 0.8157, 0.8980
CMYK	0.00, 0.31, 0.62, 0.73
HSL	30°, 45%, 18%
HSV	30°, 62%, 27%
XYZ	3.5869, 3.3366, 1.4323
YIQ	50.8850, 19.2570, -2.0790

Conversions

Conversions Part 2

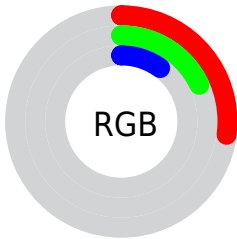
Format	Color
RYB	68, 68, 26
Decimal	4468506
CIELab	21.34, 6.74, 17.17
CIELCh	21, 18.452, 68.560
Yxy	3.3366, 0.4293, 0.3993
Android (android.graphics.Color)	4282658586 (0xFF442F1A)
YUV	50.8850, -12.2683, 15.0099
Hunter-Lab	18.2662, 3.0854, 8.1374

Details

The Hex color **442F1A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1A2F44**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **765D46**, and **150000** is the 20% darker color. If you saturate the color by 10%, you get **442C13**, and if you desaturate by 10%, it is **443221**.

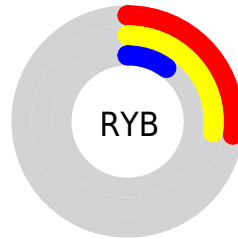
Distribution



Red (27%)

Green (18%)

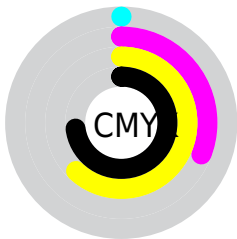
Blue (10%)



Red (27%)

Yellow (27%)

Blue (10%)

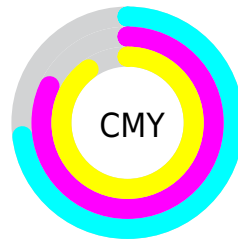


Cyan (0%)

Magenta (31%)

Yellow (62%)

Black (73%)



Cyan (73%)

Magenta (82%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 442F1A 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 442F1A by changing the saturation by 10% instead.



442F1A



442F1A

FFFFFFE



2D1A00



765D46



150000



90755D



000000



AB8F76



C7AA90



E3C5AA



FFE1C6



FFFDE2



442F1A



442F1A

■ 442C13

■ 443221

■ 44280C

■ 443628

■ 442506

■ 44392E

■ 442200

■ 443D35

■ 44403C

■ 444343

■ 44474A

■ 444A50

■ 444E57

Harmonies

Analogous

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



4C2B23



442F1A



383418

Triad

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



442F1A



003A37



3A2E49

Complementary

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



442F1A



1A2F44

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.



25334E



442F1A



003A44

Square

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



442F1A



183A29



07374C



472A3D

Rectangle

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



442F1A



2F361B



07374C



34304B

Sweetspot

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



442F1A



595148



441A2F



2E2923



ADADAD



2E2E2E

Same Dimension

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



442F1A



593817



44441A



211F1E



613000



E07000

Inverse Universe

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



1A2F44



173859



1A1A44



1E1F21



003061



0070E0

Previews

White Background



This preview shows how the Hex color 442F1A looks on a white background.

Color Contrast Check

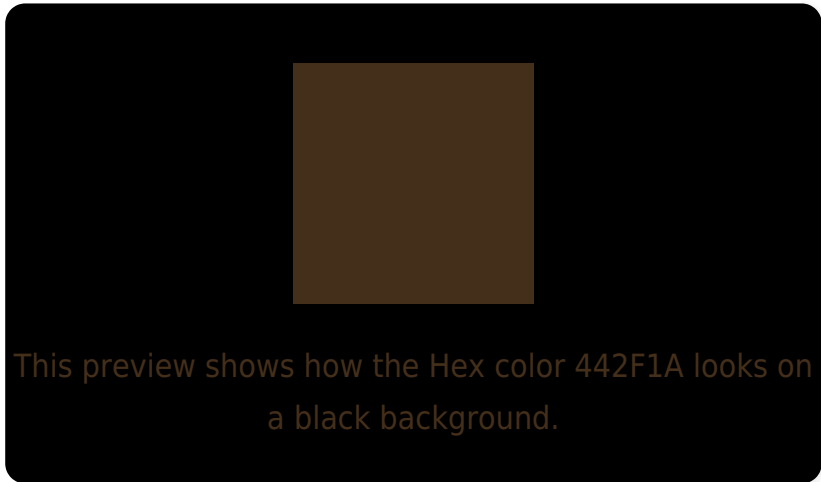
Large Text (above 18pt) WCAG AA ✓ Pass

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

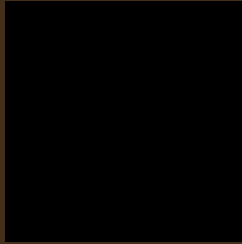
Any Text WCAG AA × Fail

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 442F1A Background



This preview shows how black text looks on a background with the Hex color 442F1A.

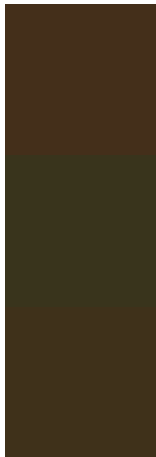


This preview shows how white text looks on a background with the Hex color 442F1A.

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
442F1A

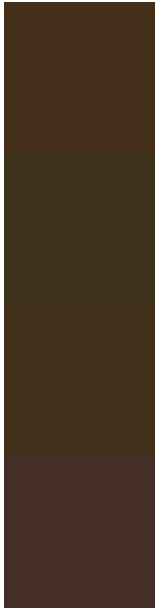
Protanopia
39341C

Deuteranopia
3F311A



Tritanopia
462C30

Trichromacy



Original Color
442F1A

Protanomaly
3D321B

Deuteranomaly
41301A

Tritanomaly
452D28

Monochromacy



Original Color
442F1A

Achromatopsia
333333

Achromatomaly
39322A

CSS Examples

Text

The CSS property to change the color of the text to Hex 442F1A 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 #442F1A looks like.

```
.text, #text, p{  
    color:#442F1A  
}
```

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 #442F1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #442F1A
}
```

Border

The CSS property to change the border of an element to Hex 442F1A is called "border". The border property can be set on classes, ids or directly on the HTML element.

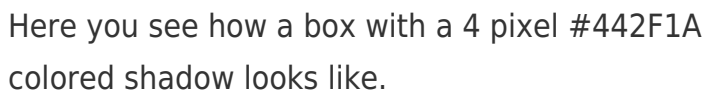
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#442F1A }
```

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

```
.border{ border-color:#442F1A }
```

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



Here you see how a box with a 4 pixel #442F1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #442F1A; -webkit-box-shadow:4px 4px  
4px 4px #442F1A; box-shadow:4px 4px 4px  
4px #442F1A }
```

Background

The CSS property to change the background color of an element to Hex 442F1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#442F1A }
```

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

```
.background{ background-color:#442F1A }
```

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](#).

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