

Converting Colors

Hex(422F17)

Have a look what the booklet for
Hex(422F17) contains.

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Color

Hex(422F17)

Conversions

Conversions Part 1

Format	Color
Hex	422F17
RGB	66, 47, 23
RGB Percent	26%, 18%, 9%
CMY	0.7412, 0.8157, 0.9098
CMYK	0.00, 0.29, 0.65, 0.74
HSL	33°, 48%, 17%
HSV	33°, 65%, 26%
XYZ	3.4179, 3.2531, 1.2584
YIQ	49.9450, 19.0280, -3.4360

Conversions

Conversions Part 2

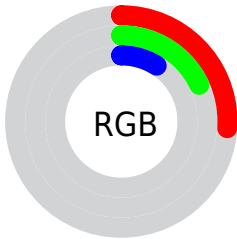
Format	Color
R_{YB}	57, 66, 23
Decimal	4337431
CIE Lab	21.03, 5.42, 18.63
CIE LCh	21, 19.400, 73.771
Yxy	3.2531, 0.4310, 0.4103
Android (android.graphics.Color)	4282527511 (0xFF422F17)
YUV	49.9450, -13.2839, 14.0802
Hunter-Lab	18.0365, 2.2622, 8.4889

Details

The Hex color **422F17** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **172A42**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **745D43**, and **120000** is the 20% darker color. If you saturate the color by 10%, you get **422C10**, and if you desaturate by 10%, it is **42321E**.

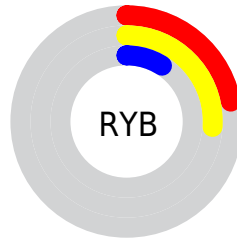
Distribution



 Red (26%)

 Green (18%)

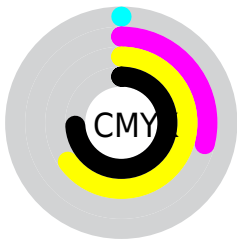
 Blue (9%)



 Red (22%)

 Yellow (26%)

 Blue (9%)

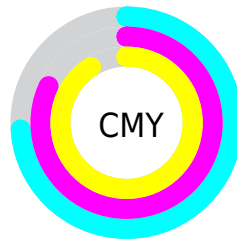



 Cyan (0%)


 Magenta (29%)

 Yellow (65%)

 Black (74%)



 Cyan (74%)

 Magenta (82%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 422F17 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 422F17 by changing the saturation by 10% instead.

 422F17

 422F17

 FFFFFB

 2C1A00

 745D43

 120000

 8E755A

 000000

 A98F73

 C4A98C

 E1C5A7

 FEE1C2

 FFFDDE

 422F17

 422F17

■ 422C10

■ 42321E

■ 42290A

■ 423524

■ 422603

■ 42382B

■ 422500

■ 423B31

■ 423E38

■ 42403F

■ 424345

■ 42464C

■ 424952

Harmonies

Analogous

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



4B2A1F



422F17



353416

Triad

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



422F17



003A39



3C2C47

Complementary

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



422F17



172A42

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.



28324E



422F17



003946

Square

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



422F17



11392A



07364E



49283B

Rectangle

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



422F17



2B361A



07364E



362E4A

Sweetspot

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



422F17



574F45



42172A



2B2721



ABABAB



2B2B2B

Same Dimension

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



422F17



573913



404217



21201E



613600



E07D00

Inverse Universe

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



172A42



133157



191742



1E1F21



002B61



0063E0

Previews

White Background



This preview shows how the Hex color 422F17 looks on a white background.

Color Contrast Check

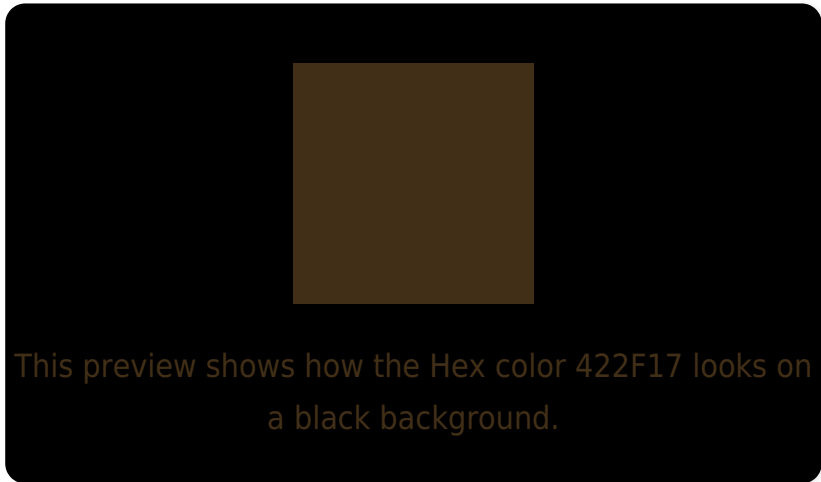
Large Text (above 18pt) WCAG AA ✓ Pass

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

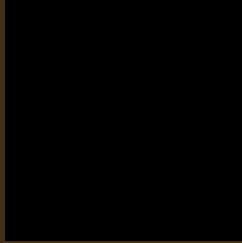
Any Text WCAG AA × Fail

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 422F17 Background



This preview shows how black text looks on a background with the Hex color 422F17.

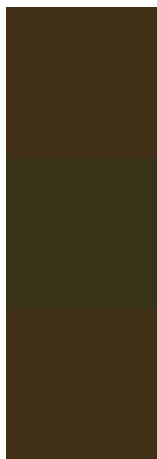


This preview shows how white text looks on a background with the Hex color 422F17.

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
422F17

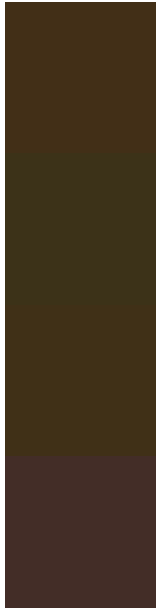
Protanopia
383318

Deuteranopia
3F3017



Tritanopia
442C30

Trichromacy



Original Color
422F17

Protanomaly
3C3218

Deuteranomaly
403017

Tritanomaly
432D27

Monochromacy



Original Color
422F17

Achromatopsia
323232

Achromatomaly
383128

CSS Examples

Text

The CSS property to change the color of the text to Hex 422F17 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 #422F17 looks like.

```
.text, #text, p{  
    color:#422F17  
}
```

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 #422F17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #422F17
}
```

Border

The CSS property to change the border of an element to Hex 422F17 is called "border". The border property can be set on classes, ids or directly on the HTML element.

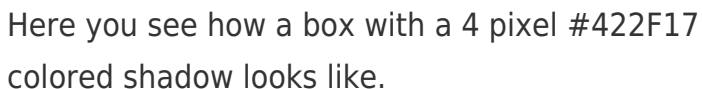
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#422F17 }
```

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

```
.border{ border-color:#422F17 }
```

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



Here you see how a box with a 4 pixel #422F17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #422F17; -webkit-box-shadow:4px 4px  
4px 4px #422F17; box-shadow:4px 4px 4px  
4px #422F17 }
```

Background

The CSS property to change the background color of an element to Hex 422F17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#422F17 }
```

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

```
.background{ background-color:#422F17 }
```

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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