

Converting Colors

Hex(432A1F)

Have a look what the booklet for
Hex(432A1F) contains.

Hex(432A1F)	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(432A1F)

Conversions

Conversions Part 1

Format	Color
Hex	432A1F
RGB	67, 42, 31
RGB Percent	26%, 16%, 12%
CMY	0.7373, 0.8353, 0.8784
CMYK	0.00, 0.37, 0.54, 0.74
HSL	18°, 37%, 19%
HSV	18°, 54%, 26%
XYZ	3.3900, 2.9481, 1.6867
YIQ	48.2210, 18.4310, 1.8790

Conversions

Conversions Part 2

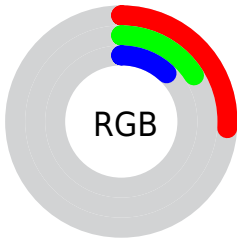
Format	Color
RYB	67, 47, 31
Decimal	4401695
CIELab	19.84, 10.12, 11.93
CIElCh	20, 15.645, 49.676
Yxy	2.9481, 0.4224, 0.3674
Android (android.graphics.Color)	4282591775 (0xFF432A1F)
YUV	48.2210, -8.4900, 16.4692
Hunter-Lab	17.1702, 5.1947, 6.1948

Details

The Hex color **432A1F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1F3843**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **75574B**, and **150000** is the 20% darker color. If you saturate the color by 10%, you get **432518**, and if you desaturate by 10%, it is **432F26**.

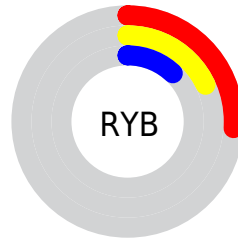
Distribution



Red (26%)

Green (16%)

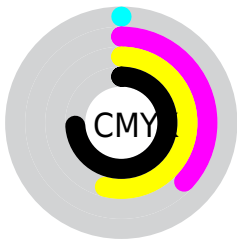
Blue (12%)



Red (26%)

Yellow (18%)

Blue (12%)

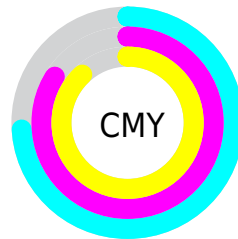


Cyan (0%)

Magenta (37%)

Yellow (54%)

Black (74%)



Cyan (74%)

Magenta (84%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 432A1F 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 432A1F by changing the saturation by 10% instead.



432A1F



432A1F

FFFFFF



2C1507



75574B



150000



8F7063



000000



AA897C



C5A496



E1BFB0



FEDBCC



FFF7E8



432A1F



432A1F

■ 432518

■ 432F26

■ 432112

■ 43332C

■ 431C0B

■ 433833

■ 431704

■ 433D3A

■ 431400

■ 434141

■ 434647

■ 434B4E

■ 434F55

■ 43545B

Harmonies

Analogous

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



462729



432A1F



3B2E19

Triad

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



432A1F



14362B



2C2E45

Complementary

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



432A1F



1F3843

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.



193246



432A1F



053637

Square

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



432A1F



233421



053541



3A2A3F

Rectangle

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



432A1F



343019



053541



263046

Sweetspot

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



432A1F



574D49



431F38



2B2623



ABABAB



2B2B2B

Same Dimension

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



432A1F



57301F



433C1F



211F1E



611E00



E04500

Inverse Universe

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



1F3843



1F4657



1F2643



1E2021



004361



009CE0

Previews

White Background



This preview shows how the Hex color 432A1F looks on a white background.

Color Contrast Check

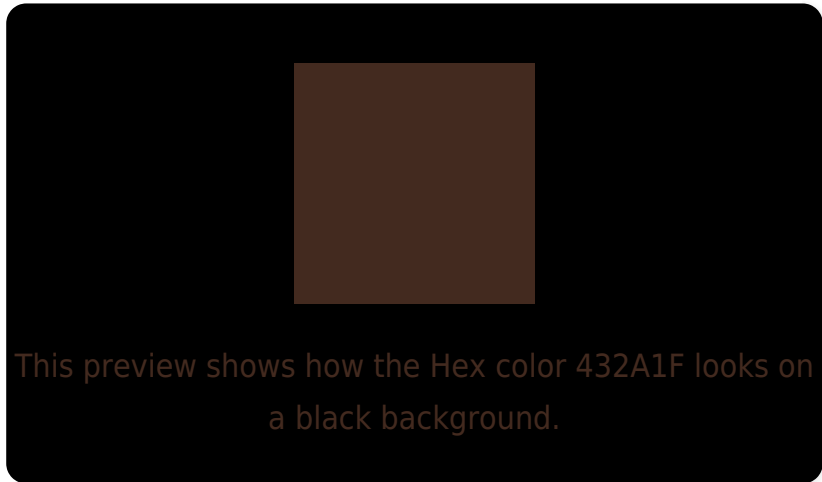
Large Text (above 18pt) WCAG AA ✓ Pass

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

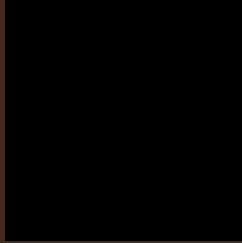
Any Text WCAG AA × Fail

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 432A1F Background



This preview shows how black text looks on a background with the Hex color 432A1F.

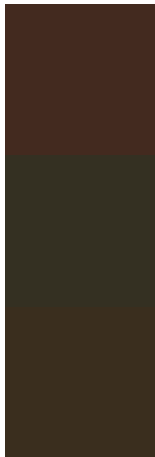


This preview shows how white text looks on a background with the Hex color 432A1F.

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
432A1F

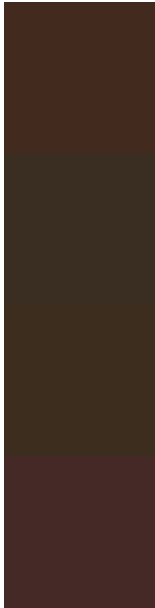
Protanopia
343022

Deuteranopia
3A2E1E



Tritanopia
44282B

Trichromacy



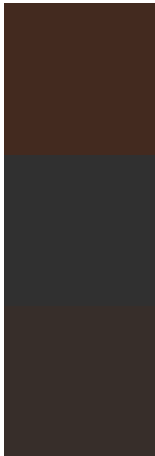
Original Color
432A1F

Protanomaly
392E21

Deuteranomaly
3D2D1E

Tritanomaly
442927

Monochromacy



Original Color
432A1F

Achromatopsia
303030

Achromatomaly
372E2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 432A1F 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 #432A1F looks like.

```
.text, #text, p{  
    color:#432A1F  
}
```

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 #432A1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #432A1F
}
```

Border

The CSS property to change the border of an element to Hex 432A1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

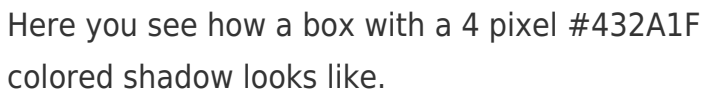
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#432A1F }
```

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

```
.border{ border-color:#432A1F }
```

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



Here you see how a box with a 4 pixel #432A1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #432A1F; -webkit-box-shadow:4px 4px  
4px 4px #432A1F; box-shadow:4px 4px 4px  
4px #432A1F }
```

Background

The CSS property to change the background color of an element to Hex 432A1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#432A1F }
```

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

```
.background{ background-color:#432A1F }
```

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