

Converting Colors

Hex(452A1F)

Have a look what the booklet for
Hex(452A1F) contains.

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Color

Hex(452A1F)

Conversions

Conversions Part 1

Format	Color
Hex	452A1F
RGB	69, 42, 31
RGB Percent	27%, 16%, 12%
CMY	0.7294, 0.8353, 0.8784
CMYK	0.00, 0.39, 0.55, 0.73
HSL	17°, 38%, 20%
HSV	17°, 55%, 27%
XYZ	3.5295, 3.0201, 1.6932
YIQ	48.8190, 19.6230, 2.3030

Conversions

Conversions Part 2

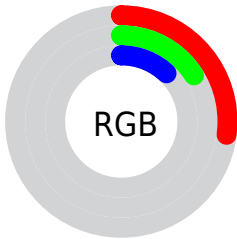
Format	Color
RYB	69, 46, 31
Decimal	4532767
CIELab	20.12, 11.11, 12.36
CIElCh	20, 16.618, 48.065
Yxy	3.0201, 0.4282, 0.3664
Android (android.graphics.Color)	4282722847 (0xFF452A1F)
YUV	48.8190, -8.7848, 17.6987
Hunter-Lab	17.3783, 5.8412, 6.3880

Details

The Hex color **452A1F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1F3A45**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **77584B**, and **180000** is the 20% darker color. If you saturate the color by 10%, you get **452518**, and if you desaturate by 10%, it is **452F26**.

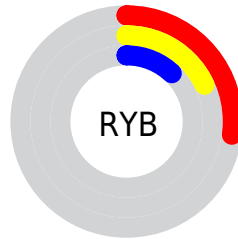
Distribution



Red (27%)

Green (16%)

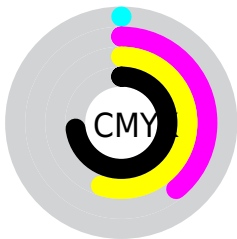
Blue (12%)



Red (27%)

Yellow (18%)

Blue (12%)

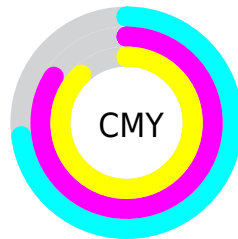


Cyan (0%)

Magenta (39%)

Yellow (55%)

Black (73%)



Cyan (73%)

Magenta (84%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 452A1F 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 452A1F by changing the saturation by 10% instead.



452A1F



452A1F

FFFFFF



2E1507



77584B



180000



917063



000000



AC897C



C8A496



E4BFB0



FFDBCC



FFF7E8



452A1F



452A1F

■ 452518

■ 452F26

■ 452011

■ 45342D

■ 451B0A

■ 453934

■ 451603

■ 453E3B

■ 451400

■ 454342

■ 454748

■ 454C4F

■ 455156

■ 45565D

Harmonies

Analogous

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



48272A



452A1F



3D2E19

Triad

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



452A1F



13372B



2B2F48

Complementary

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



452A1F



1F3A45

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.



153348



452A1F



013738

Square

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



452A1F



233520



003642



3B2B41

Rectangle

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



452A1F



353118



003642



243149

Sweetspot

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



452A1F



594E4A



451F3A



2E2725



ADADAD



2E2E2E

Same Dimension

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



452A1F



592F1E



453D1F



242120



631D00



E34200

Inverse Universe

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



1F3A45



1E4859



1F2745



202324



004763



00A1E3

Previews

White Background



This preview shows how the Hex color 452A1F looks on a white background.

Color Contrast Check

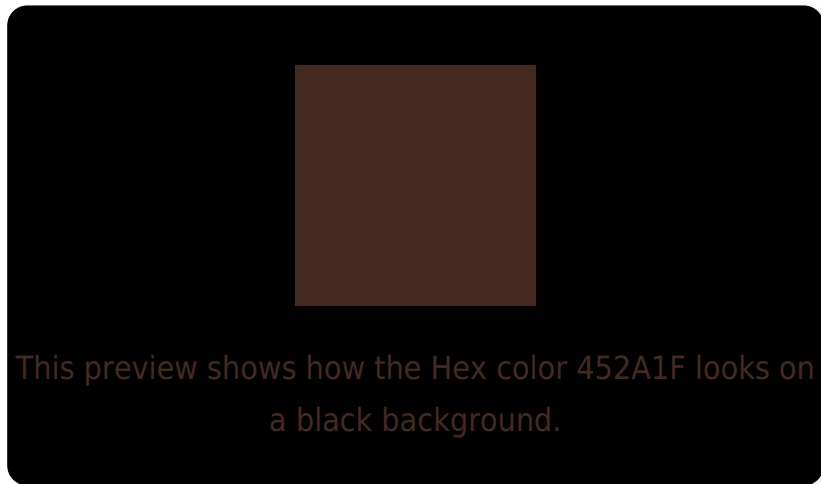
Large Text (above 18pt) WCAG AA ✓ Pass

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

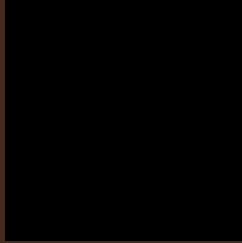
Any Text WCAG AA × Fail

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 452A1F Background



This preview shows how black text looks on a background with the Hex color 452A1F.

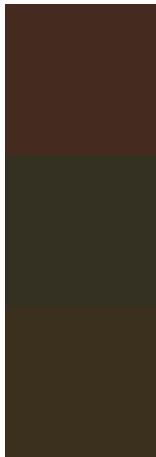


This preview shows how white text looks on a background with the Hex color 452A1F.

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
452A1F

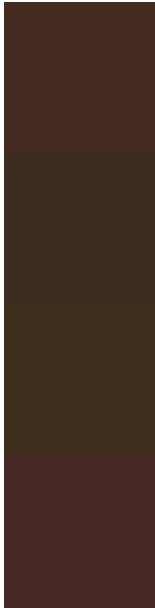
Protanopia
353122

Deuteranopia
3B2F1E



Tritanopia
46282B

Trichromacy



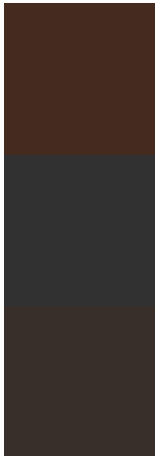
Original Color
452A1F

Protanomaly
3B2E21

Deuteranomaly
3F2D1E

Tritanomaly
462927

Monochromacy



Original Color
452A1F

Achromatopsia
313131

Achromatomaly
382E2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 452A1F 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 #452A1F looks like.

```
.text, #text, p{  
    color:#452A1F  
}
```

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 #452A1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #452A1F
}
```

Border

The CSS property to change the border of an element to Hex 452A1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

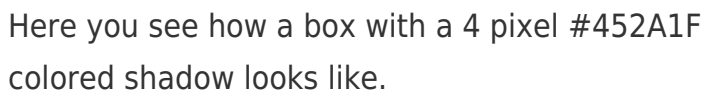
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#452A1F }
```

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

```
.border{ border-color:#452A1F }
```

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



Here you see how a box with a 4 pixel #452A1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #452A1F; -webkit-box-shadow:4px 4px  
4px 4px #452A1F; box-shadow:4px 4px 4px  
4px #452A1F }
```

Background

The CSS property to change the background color of an element to Hex 452A1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#452A1F }
```

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

```
.background{ background-color:#452A1F }
```

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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