

Converting Colors

Hex(451D1F)

Have a look what the booklet for
Hex(451D1F) contains.

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Color

Hex(451D1F)

Conversions

Conversions Part 1

Format	Color
Hex	451D1F
RGB	69, 29, 31
RGB Percent	27%, 11%, 12%
CMY	0.7294, 0.8863, 0.8784
CMYK	0.00, 0.58, 0.55, 0.73
HSL	357°, 41%, 19%
HSV	357°, 58%, 27%
XYZ	3.1409, 2.2429, 1.5637
YIQ	41.1880, 23.1980, 9.1020

Conversions

Conversions Part 2

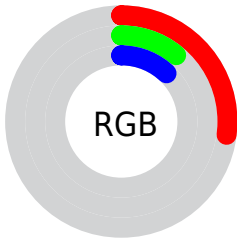
Format	Color
RYB	69, 29, 31
Decimal	4529439
CIELab	16.71, 19.45, 7.79
CIELCh	17, 20.947, 21.828
Yxy	2.2429, 0.4521, 0.3228
Android (android.graphics.Color)	4282719519 (0xFF451D1F)
YUV	41.1880, -5.0227, 24.3911
Hunter-Lab	14.9762, 11.2281, 4.2928

Details

The Hex color **451D1F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1D4543**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **784A4B**, and **0D0000** is the 20% darker color. If you saturate the color by 10%, you get **451618**, and if you desaturate by 10%, it is **452426**.

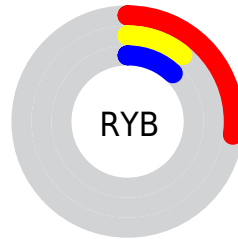
Distribution



Red (27%)

Green (11%)

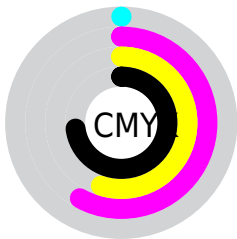
Blue (12%)



Red (27%)

Yellow (11%)

Blue (12%)

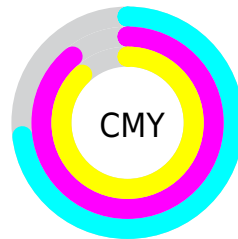


Cyan (0%)

Magenta (58%)

Yellow (55%)

Black (73%)



Cyan (73%)

Magenta (89%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 451D1F 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 451D1F by changing the saturation by 10% instead.

■ 451D1F

■ 451D1F

FFFFFF

■ 2E0706

■ 784A4B

■ 0D0000

■ 926262

■ 000000

■ AD7B7B

■ C99595

■ E6B0B0

■ FFCCCB

■ FFE8E7

■ 451D1F

■ 451D1F

■ 451618

■ 452426

■ 450F12

■ 452B2C

■ 45080B

■ 453233

■ 450105

■ 453939

■ 450003

■ 453F40

■ 454646

■ 454D4D

■ 455453

■ 455B5A

Harmonies

Analogous

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



431D2E



451D1F



402112

Triad

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



451D1F



152F16



002C47

Complementary

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



451D1F



1D4543

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.



002F40



451D1F



003025

Square

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



451D1F



272C0B



003134



232745

Rectangle

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



451D1F



39250B



003134



002D45

Sweetspot

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



451D1F



594A4B



431D45



2E2525



ADADAD



2E2E2E

Same Dimension

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



451D1F



591B1E



452F1D



242020



630005



E3000B

Inverse Universe

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



451D1F



591B1E



1D3345



242020



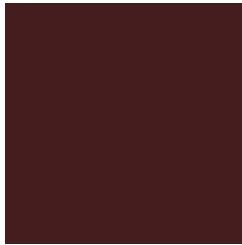
630005



E3000B

Previews

White Background



This preview shows how the Hex color 451D1F looks on a white background.

Color Contrast Check

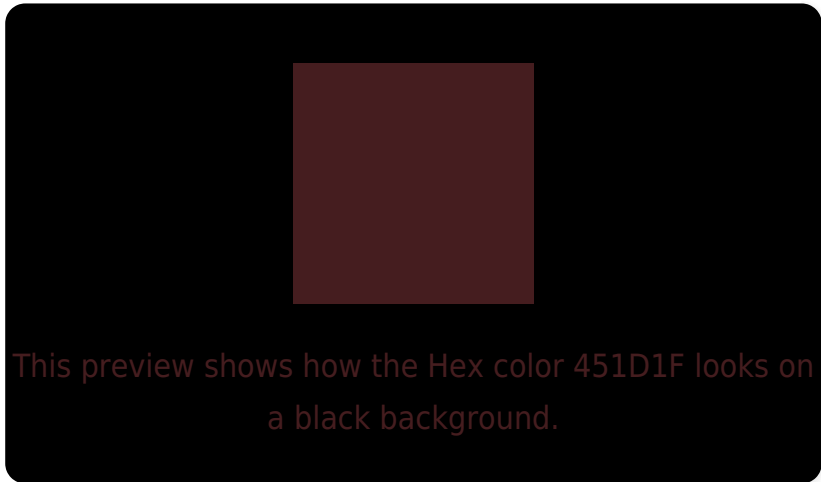
Large Text (above 18pt) WCAG AA ✓ Pass

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

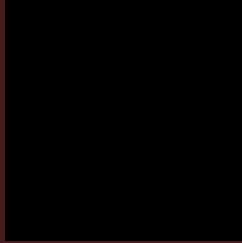
Any Text WCAG AA × Fail

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 451D1F Background



This preview shows how black text looks on a background with the Hex color 451D1F.



This preview shows how white text looks on a background with the Hex color 451D1F.

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
451D1F

Protanopia
2C2A25

Deuteranopia
32281D



Tritanopia
451D1F

Trichromacy



Original Color

451D1F

Protanomaly

352523

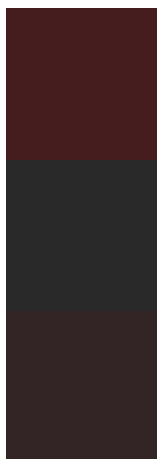
Deuteranomaly

39241E

Tritanomaly

451D1F

Monochromacy



Original Color

451D1F

Achromatopsia

292929

Achromatomaly

332525

CSS Examples

Text

The CSS property to change the color of the text to Hex 451D1F 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 #451D1F looks like.

```
.text, #text, p{  
  color:#451D1F  
}
```

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 #451D1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #451D1F
}
```

Border

The CSS property to change the border of an element to Hex 451D1F 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".

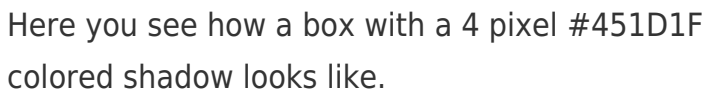
```
.border, #border, table{ border:4px solid
#451D1F }
```

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

```
.border{ border-color:#451D1F }
```

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

Here you see how a box with a 4 pixel #451D1F colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #451D1F colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #451D1F; -webkit-box-shadow:4px 4px  
4px 4px #451D1F; box-shadow:4px 4px 4px  
4px #451D1F }
```

Background

The CSS property to change the background color of an element to Hex 451D1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#451D1F }
```

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

```
.background{ background-color:#451D1F }
```

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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