

Converting Colors

Hex(472026)

Have a look what the booklet for
Hex(472026) contains.

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Color

Hex(472026)

Conversions

Conversions Part 1

Format	Color
Hex	472026
RGB	71, 32, 38
RGB Percent	28%, 13%, 15%
CMY	0.7216, 0.8745, 0.8510
CMYK	0.00, 0.55, 0.46, 0.72
HSL	351°, 38%, 20%
HSV	351°, 55%, 28%
XYZ	3.4649, 2.5126, 2.1361
YIQ	44.3450, 21.3180, 10.1340

Conversions

Conversions Part 2

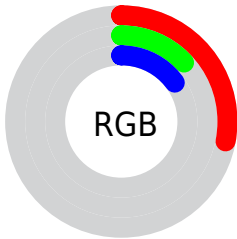
Format	Color
R_{YB}	71, 32, 38
Decimal	4661286
CIE _{Lab}	17.98, 19.34, 4.64
CIE _{LCh}	18, 19.891, 13.482
Yxy	2.5126, 0.4271, 0.3097
Android (android.graphics.Color)	4282851366 (0xFF472026)
YUV	44.3450, -3.1281, 23.3764
Hunter-Lab	15.8510, 11.2792, 3.1059




Details

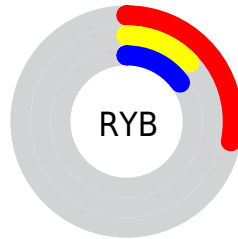
The Hex color **472026** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **204741**, and the grayscale version is **2C2C2C**.




A 20% lighter version of the original color is **794D53**, and **170000** is the 20% darker color. If you saturate the color by 10%, you get **471920**, and if you desaturate by 10%, it is **47272C**.

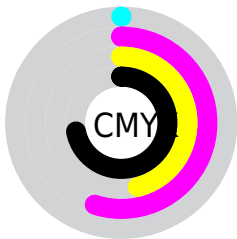
Distribution







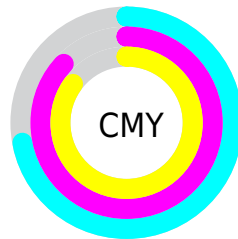
-  Red (28%)
-  Green (13%)
-  Blue (15%)






-  Red (28%)
-  Yellow (13%)
-  Blue (15%)



-  Cyan (0%)
-  Magenta (55%)
-  Yellow (46%)
-  Black (72%)



-  Cyan (72%)
-  Magenta (87%)
-  Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 472026 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 472026 by changing the saturation by 10% instead.

■ 472026

■ 472026

FFFFFF

■ 2F0B11

■ 794D53

■ 170000

■ 94666B

■ 000000

■ AF7F84

■ CB999E

■ E7B4B9

■ FFD0D5

■ FFECF1

■ 472026

■ 472026

■ 471920

■ 47272C

■ 47121A

■ 472E32

■ 470B14

■ 473538

■ 47040E

■ 473C3E

■ 47000B

■ 474444

■ 474B4A

■ 475250

■ 475956

■ 47605C

Harmonies

Analogous

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



422134



472026



442319

Triad

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



472026



1E3116



003047

Complementary

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



472026



204741

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.



00323F



472026



073323

Square

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



472026



2E2D0F



003332



202B48

Rectangle

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



472026



3F2712



003332



003145

Sweetspot

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



472026



5C4D4F



412047



2E2527



ADADAD



2E2E2E

Same Dimension

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



472026



5C1F29



472D20



242021



63000F



E30023

Inverse Universe

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



472026



5C1F29



203A47



242021



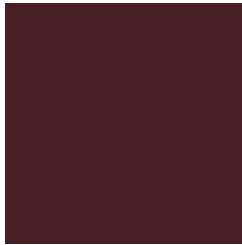
63000F



E30023

Previews

White Background



This preview shows how the Hex color 472026 looks on a white background.

Color Contrast Check

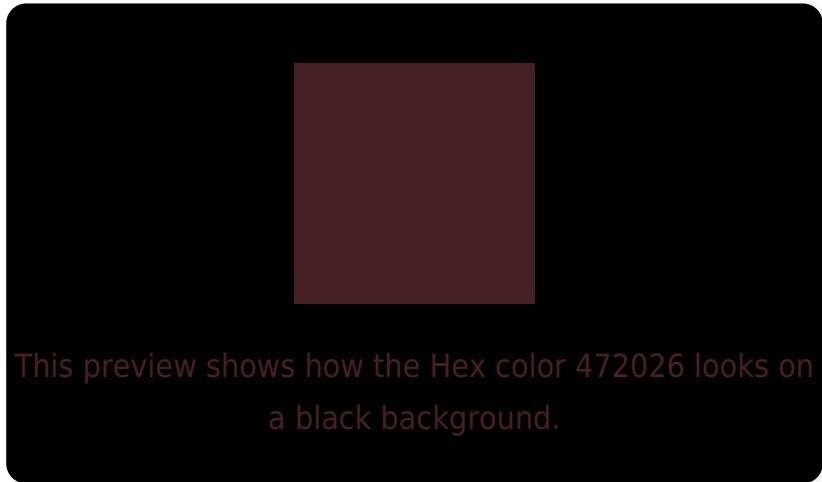
Large Text (above 18pt) WCAG AA ✓ Pass

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

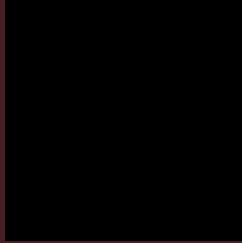
Any Text WCAG AA × Fail

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 472026 Background



This preview shows how black text looks on a background with the Hex color 472026.



This preview shows how white text looks on a background with the Hex color 472026.

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
472026

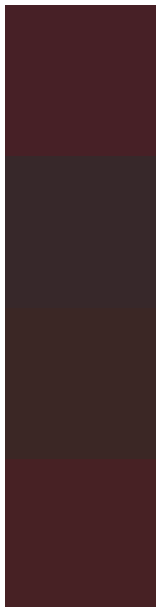
Protanopia
2E2D2D

Deuteranopia
342B24



Tritanopia
472123

Trichromacy



Original Color

472026

Protanomaly

37282A

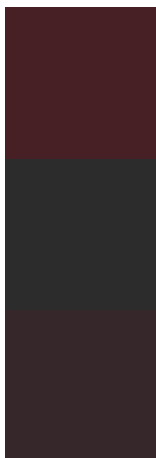
Deuteranomaly

3B2725

Tritanomaly

472124

Monochromacy



Original Color

472026

Achromatopsia

2C2C2C

Achromatomaly

36282A

CSS Examples

Text

The CSS property to change the color of the text to Hex 472026 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 #472026 looks like.

```
.text, #text, p{  
    color:#472026  
}
```

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 #472026 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #472026
}
```

Border

The CSS property to change the border of an element to Hex 472026 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".

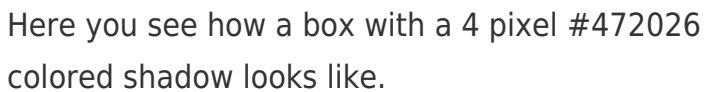
```
.border, #border, table{ border:4px solid
#472026 }
```

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

```
.border{ border-color:#472026 }
```

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

Here you see how a box with a 4 pixel #472026 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red shadow that extends to the right and down, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #472026; -webkit-box-shadow:4px 4px  
4px 4px #472026; box-shadow:4px 4px 4px  
4px #472026 }
```

Background

The CSS property to change the background color of an element to Hex 472026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#472026 }
```

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

```
.background{ background-color:#472026 }
```

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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