

Converting Colors

Hex(472F35)

Have a look what the booklet for
Hex(472F35) contains.

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Color

Hex(472F35)

Conversions

Conversions Part 1

Format	Color
Hex	472F35
RGB	71, 47, 53
RGB Percent	28%, 18%, 21%
CMY	0.7216, 0.8157, 0.7922
CMYK	0.00, 0.34, 0.25, 0.72
HSL	345°, 20%, 23%
HSV	345°, 34%, 28%
XYZ	4.2577, 3.6297, 3.8444
YIQ	54.8600, 12.3780, 6.9540

Conversions

Conversions Part 2

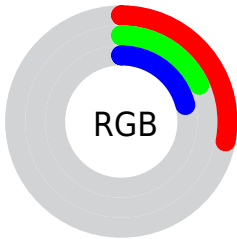
Format	Color
RYB	71, 47, 53
Decimal	4665141
CIELab	22.41, 12.03, 0.61
CIElCh	22, 12.041, 2.891
Yxy	3.6297, 0.3629, 0.3094
Android (android.graphics.Color)	4282855221 (0xFF472F35)
YUV	54.8600, -0.9170, 14.1548
Hunter-Lab	19.0517, 6.5506, 1.3723

Details

The Hex color **472F35** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F4741**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **785D63**, and **1D0008** is the 20% darker color. If you saturate the color by 10%, you get **472830**, and if you desaturate by 10%, it is **47363A**.

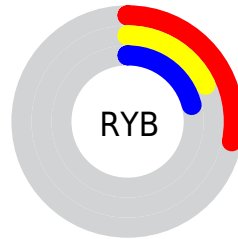
Distribution



Red (28%)

Green (18%)

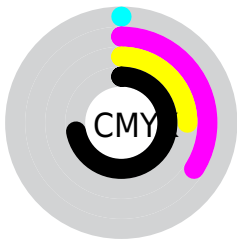
Blue (21%)



Red (28%)

Yellow (18%)

Blue (21%)

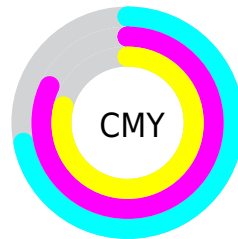


Cyan (0%)

Magenta (34%)

Yellow (25%)

Black (72%)



Cyan (72%)

Magenta (82%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 472F35 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 472F35 by changing the saturation by 10% instead.



472F35



472F35

FFFFFF



301A20



785D63



1D0008



92767C



000000



AD9096



C8AAB1



E4C5CC



FFE1E8



FFFEFF



472F35



472F35

■ 472830

■ 47363A

■ 47212A

■ 473D40

■ 471A25

■ 474445

■ 471320

■ 474B4A

■ 470C1A

■ 475350

■ 470415

■ 475A55

■ 470012

■ 47615A

■ 476860

■ 476F65

Harmonies

Analogous

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



42303E



472F35



47302C

Triad

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



472F35



313826



203945

Complementary

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



472F35



2F4741

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.



1A3A3F



472F35



273A2D

Square

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



472F35



3B3524



1E3B36



2C3647

Rectangle

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



472F35



453128



1E3B36



1D3944

Sweetspot

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



472F35



5C5355



412F47



2E282A



ADADAD



2E2E2E

Same Dimension

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



472F35



5C3640



47352F



242021



630019



E30039

Inverse Universe

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



472F35



5C3640



2F4147



242021



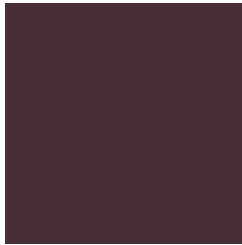
630019



E30039

Previews

White Background



This preview shows how the Hex color 472F35 looks on a white background.

Color Contrast Check

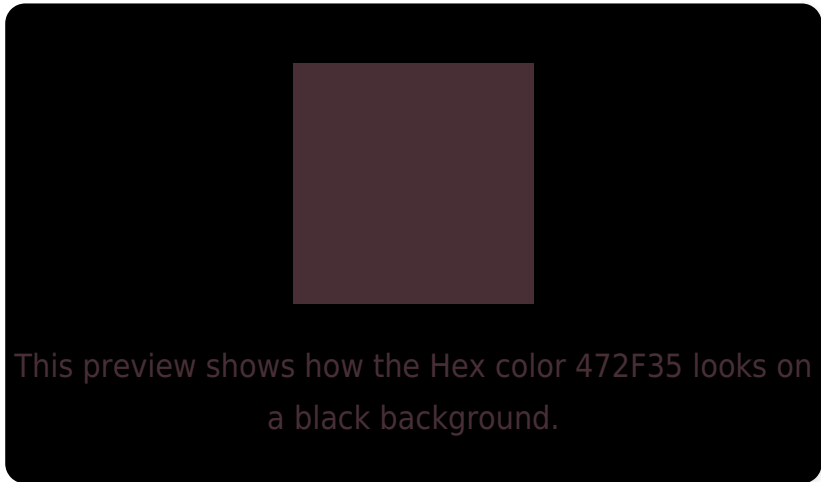
Large Text (above 18pt) WCAG AA ✓ Pass

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 472F35 Background



This preview shows how black text looks on a background with the Hex color 472F35.

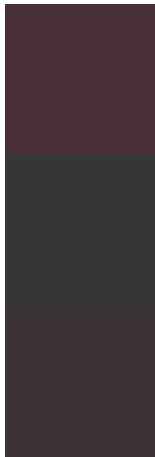


This preview shows how white text looks on a background with the Hex color 472F35.

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
472F35

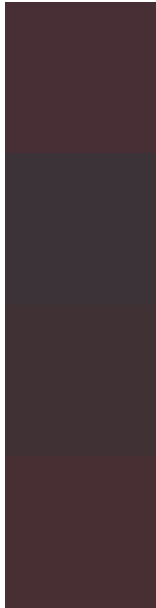
Protanopia
363639

Deuteranopia
3C3434



Tritanopia
472F33

Trichromacy



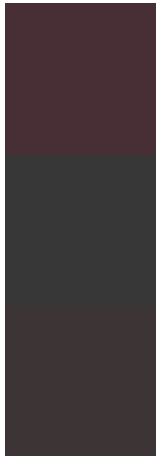
Original Color
472F35

Protanomaly
3C3338

Deuteranomaly
403234

Tritanomaly
472F34

Monochromacy



Original Color
472F35

Achromatopsia
373737

Achromatomaly
3D3436

CSS Examples

Text

The CSS property to change the color of the text to Hex 472F35 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 #472F35 looks like.

```
.text, #text, p{  
    color:#472F35  
}
```

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 #472F35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #472F35
}
```

Border

The CSS property to change the border of an element to Hex 472F35 is called "border". The border property can be set on classes, ids or directly on the HTML element.

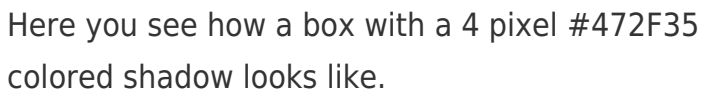
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#472F35 }
```

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

```
.border{ border-color:#472F35 }
```

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



Here you see how a box with a 4 pixel #472F35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #472F35; -webkit-box-shadow:4px 4px  
4px 4px #472F35; box-shadow:4px 4px 4px  
4px #472F35 }
```

Background

The CSS property to change the background color of an element to Hex 472F35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#472F35 }
```

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

```
.background{ background-color:#472F35 }
```

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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