

Converting Colors

Hex(402F2C)

Have a look what the booklet for
Hex(402F2C) contains.

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Color

Hex(402F2C)

Conversions

Conversions Part 1

Format	Color
Hex	402F2C
RGB	64, 47, 44
RGB Percent	25%, 18%, 17%
CMY	0.7490, 0.8157, 0.8275
CMYK	0.00, 0.27, 0.31, 0.75
HSL	9°, 19%, 21%
HSV	9°, 31%, 25%
XYZ	3.5855, 3.3049, 2.8318
YIQ	51.7410, 11.0950, 2.6710

Conversions

Conversions Part 2

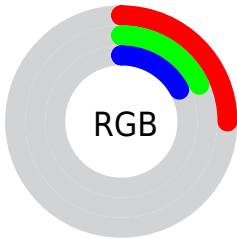
Format	Color
RYB	64, 48, 44
Decimal	4206380
CIELab	21.23, 7.23, 4.93
CIElCh	21, 8.752, 34.254
Yxy	3.3049, 0.3688, 0.3399
Android (android.graphics.Color)	4282396460 (0xFF402F2C)
YUV	51.7410, -3.8163, 10.7511
Hunter-Lab	18.1793, 3.3917, 3.4899

Details

The Hex color **402F2C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2C3D40**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **705D59**, and **160000** is the 20% darker color. If you saturate the color by 10%, you get **402A26**, and if you desaturate by 10%, it is **403432**.

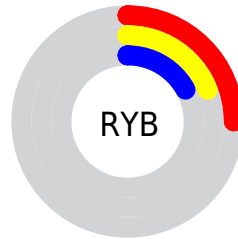
Distribution



 Red (25%)

 Green (18%)

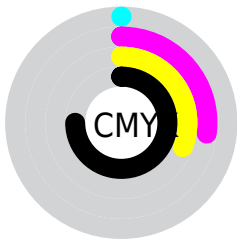
 Blue (17%)



 Red (25%)

 Yellow (19%)

 Blue (17%)

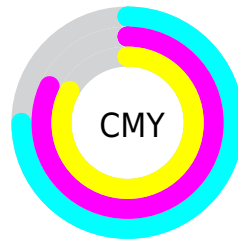


 Cyan (0%)

 Magenta (27%)

 Yellow (31%)

 Black (75%)



 Cyan (75%)

 Magenta (82%)

 Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 402F2C 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 402F2C by changing the saturation by 10% instead.

■ 402F2C

■ 402F2C

FFFFFF

■ 2A1A18

■ 705D59

■ 160000

■ 8A7672

■ 000000

■ A48F8B

■ C0AAA6

■ DBC5C1

■ F8E1DD

■ FFFEF9

■ 402F2C

■ 402F2C

■ 402A26

■ 403432

■ 40241F

■ 403A39

■ 401F19

■ 403F3F

■ 401912

■ 404546

■ 40140C

■ 404A4C

■ 400E06

■ 405052

■ 400A00

■ 405559

■ 405B5F

■ 406066

Harmonies

Analogous

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



402E32



402F2C



3D3128

Triad

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



402F2C



29362D



2D3340

Complementary

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



402F2C



2C3D40

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.



25353E



402F2C



233734

Square

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



402F2C



303528



21363A



35313E

Rectangle

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



402F2C



393226



21363A



2A3440

Sweetspot

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



402F2C



544E4D



402C3D



2B2727



ABABAB



2B2B2B

Same Dimension

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



402F2C



543934



40392C



211E1E



610F00



E02200

Inverse Universe

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



2C3D40



344F54



2C3340



1E2121



005261



00BFEO

Previews

White Background



This preview shows how the Hex color 402F2C 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

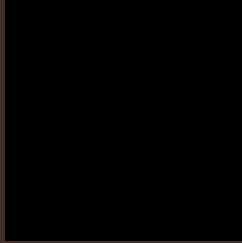
Any Text WCAG AA × Fail

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 402F2C Background



This preview shows how black text looks on a background with the Hex color 402F2C.

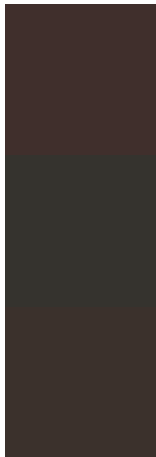


This preview shows how white text looks on a background with the Hex color 402F2C.

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](#).

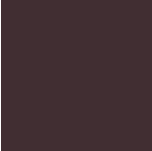
Dichromacy



Original Color
402F2C

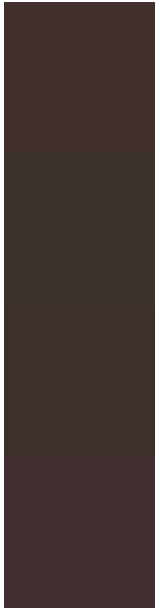
Protanopia
35332E

Deuteranopia
3B312C



Tritanopia
412E32

Trichromacy



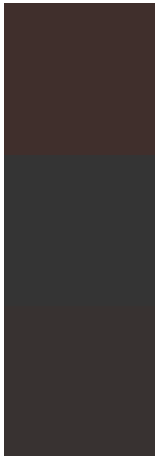
Original Color
402F2C

Protanomaly
39322D

Deuteranomaly
3D302C

Tritanomaly
412E30

Monochromacy



Original Color
402F2C

Achromatopsia
343434

Achromatomaly
383231

CSS Examples

Text

The CSS property to change the color of the text to Hex 402F2C 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 #402F2C looks like.

```
.text, #text, p{  
    color:#402F2C  
}
```

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 #402F2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #402F2C
}
```

Border

The CSS property to change the border of an element to Hex 402F2C 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".

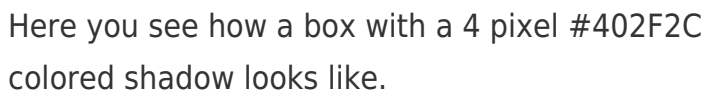
```
.border, #border, table{ border:4px solid
#402F2C }
```

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

```
.border{ border-color:#402F2C }
```

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

Here you see how a box with a 4 pixel #402F2C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #402F2C; -webkit-box-shadow:4px 4px  
4px 4px #402F2C; box-shadow:4px 4px 4px  
4px #402F2C }
```

Background

The CSS property to change the background color of an element to Hex 402F2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#402F2C }
```

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

```
.background{ background-color:#402F2C }
```

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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