

Converting Colors

Hex(402D2D)

Have a look what the booklet for
Hex(402D2D) contains.

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Color

Hex(402D2D)

Conversions

Conversions Part 1

Format	Color
Hex	402D2D
RGB	64, 45, 45
RGB Percent	25%, 18%, 18%
CMY	0.7490, 0.8235, 0.8235
CMYK	0.00, 0.30, 0.30, 0.75
HSL	0°, 17%, 21%
HSV	0°, 30%, 25%
XYZ	3.5264, 3.1562, 2.9060
YIQ	50.6810, 11.3240, 4.0280

Conversions

Conversions Part 2

Format	Color
RYB	64, 45, 45
Decimal	4205869
CIELab	20.66, 8.75, 3.44
CIElCh	21, 9.401, 21.441
Yxy	3.1562, 0.3678, 0.3292
Android (android.graphics.Color)	4282395949 (0xFF402D2D)
YUV	50.6810, -2.8007, 11.6808
Hunter-Lab	17.7658, 4.3411, 2.7379

Details

The Hex color **402D2D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2D4040**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **705B5B**, and **160000** is the 20% darker color. If you saturate the color by 10%, you get **402727**, and if you desaturate by 10%, it is **403333**.

Distribution



Red (25%)

Green (18%)

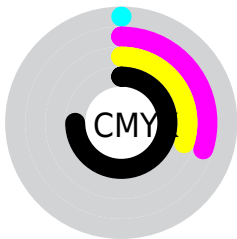
Blue (18%)



Red (25%)

Yellow (18%)

Blue (18%)



Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (75%)



Cyan (75%)

Magenta (82%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 402D2D 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 402D2D by changing the saturation by 10% instead.

■ 402D2D

■ 402D2D

FFFFFF

■ 2A1818

■ 705B5B

■ 160000

■ 8A7373

■ 000000

■ A48D8D

■ C0A7A7

■ DCC3C2

■ F8DEDE

■ FFFBFB

■ 402D2D

■ 402D2D

■ 402727

■ 403333

■ 402020

■ 403A3A

■ 401A1A

■ 404040

■ 401313

■ 404747

■ 400D0D

■ 404D4D

■ 400707

■ 405353

■ 400000

■ 405A5A

■ 406060

■ 406767

Harmonies

Analogous

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



3E2D34



402D2D



3E2E27

Triad

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



402D2D



2A3529



27333F

Complementary

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



402D2D



2D4040

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.



20353C



402D2D



23362F

Square

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



402D2D



323325



1F3637



30313F

Rectangle

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



402D2D



3B3025



1F3637



24343F

Sweetspot

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



402D2D



544D4D



402D40



2B2727



ABABAB



2B2B2B

Same Dimension

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



402D2D



543636



40372D



211E1E



610000



E00000

Inverse Universe

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



2D4040



365454



2D3740



1E2121



006161



00E0E0

Previews

White Background



This preview shows how the Hex color 402D2D looks on a white background.

Color Contrast Check

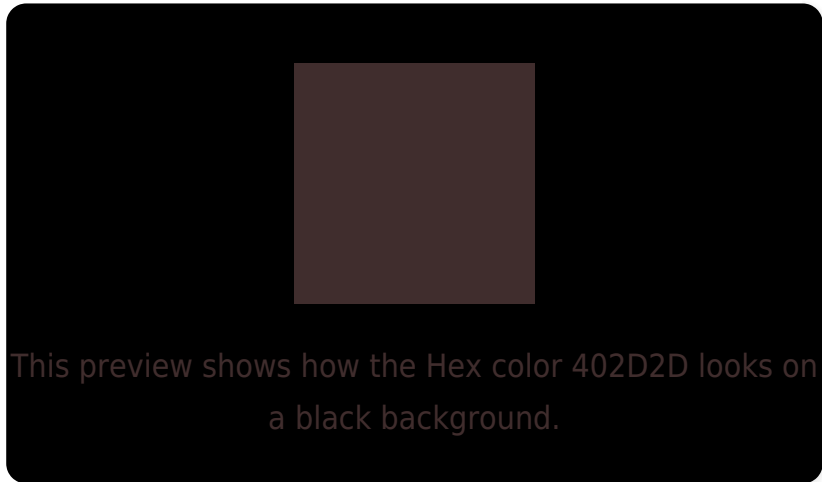
Large Text (above 18pt) WCAG AA ✓ Pass

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 402D2D Background



This preview shows how black text looks on a background with the Hex color 402D2D.

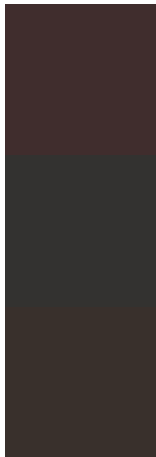


This preview shows how white text looks on a background with the Hex color 402D2D.

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
402D2D

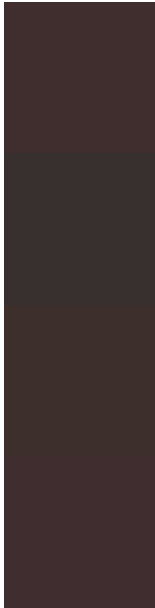
Protanopia
333230

Deuteranopia
39302C



Tritanopia
402D30

Trichromacy



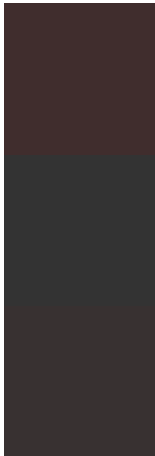
Original Color
402D2D

Protanomaly
38302F

Deuteranomaly
3C2F2C

Tritanomaly
402D2F

Monochromacy



Original Color
402D2D

Achromatopsia
333333

Achromatomaly
383131

CSS Examples

Text

The CSS property to change the color of the text to Hex 402D2D 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 #402D2D looks like.

```
.text, #text, p{  
    color:#402D2D  
}
```

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 #402D2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #402D2D
}
```

Border

The CSS property to change the border of an element to Hex 402D2D is called "border". The border property can be set on classes, ids or directly on the HTML element.

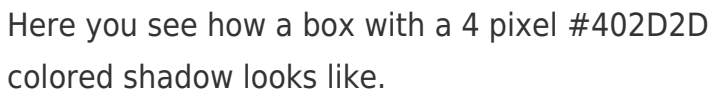
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#402D2D }
```

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

```
.border{ border-color:#402D2D }
```

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



Here you see how a box with a 4 pixel #402D2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #402D2D; -webkit-box-shadow:4px 4px  
4px 4px #402D2D; box-shadow:4px 4px 4px  
4px #402D2D }
```

Background

The CSS property to change the background color of an element to Hex 402D2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#402D2D }
```

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

```
.background{ background-color:#402D2D }
```

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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