

Converting Colors

Hex(402C29)

Have a look what the booklet for
Hex(402C29) contains.

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Color

Hex(402C29)

Conversions

Conversions Part 1

Format	Color
Hex	402C29
RGB	64, 44, 41
RGB Percent	25%, 17%, 16%
CMY	0.7490, 0.8275, 0.8392
CMYK	0.00, 0.31, 0.36, 0.75
HSL	8°, 22%, 21%
HSV	8°, 36%, 25%
XYZ	3.4153, 3.0514, 2.5068
YIQ	49.6380, 12.8830, 3.3070

Conversions

Conversions Part 2

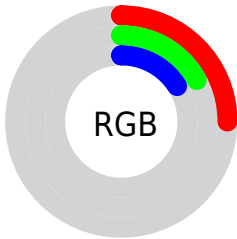
Format	Color
RYB	64, 44, 41
Decimal	4205609
CIELab	20.25, 8.75, 5.60
CIElCh	20, 10.388, 32.632
Yxy	3.0514, 0.3806, 0.3401
Android (android.graphics.Color)	4282395689 (0xFF402C29)
YUV	49.6380, -4.2585, 12.5955
Hunter-Lab	17.4684, 4.3291, 3.7195

Details

The Hex color **402C29** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **293D40**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **705A56**, and **150000** is the 20% darker color. If you saturate the color by 10%, you get **402623**, and if you desaturate by 10%, it is **40322F**.

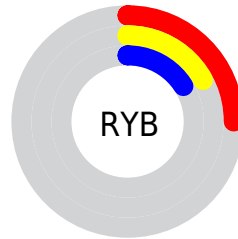
Distribution



Red (25%)

Green (17%)

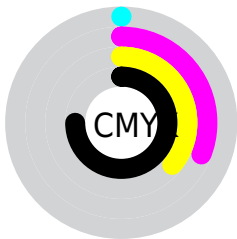
Blue (16%)



Red (25%)

Yellow (17%)

Blue (16%)

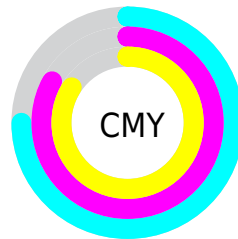


Cyan (0%)

Magenta (31%)

Yellow (36%)

Black (75%)



Cyan (75%)

Magenta (83%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 402C29 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 402C29 by changing the saturation by 10% instead.



402C29



402C29

FFFFFF



291715



705A56



150000



8A726E



000000



A58C88



C0A6A2



DCC1BD



F9DDD9



FFFAF5



402C29



402C29

■ 402623

■ 40322F

■ 40211C

■ 403736

■ 401B16

■ 403D3C

■ 40160F

■ 404243

■ 401009

■ 404849

■ 400B03

■ 404D4F

■ 400800

■ 405356

■ 40595C

■ 405E63

Harmonies

Analogous

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



402B30



402C29



3C2E24

Triad

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



402C29



25342A



283140

Complementary

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



402C29



293D40

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.



1F343E



402C29



1D3531

Square

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



402C29



2E3324



1B3539



332F3E

Rectangle

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



402C29



383022



1B3539



253240

Sweetspot

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



402C29



544C4B



40293D



2B2626



ABABAB



2B2B2B

Same Dimension

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



402C29



543530



403729



211E1E



610D00



E01D00

Inverse Universe

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



293D40



304F54



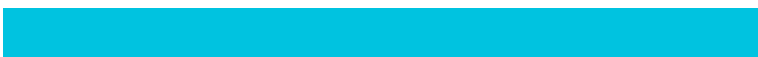
293240



1E2121



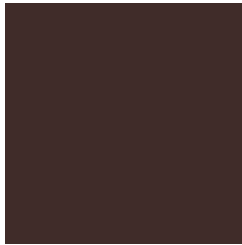
005461



00C3E0

Previews

White Background



This preview shows how the Hex color 402C29 looks on a white background.

Color Contrast Check

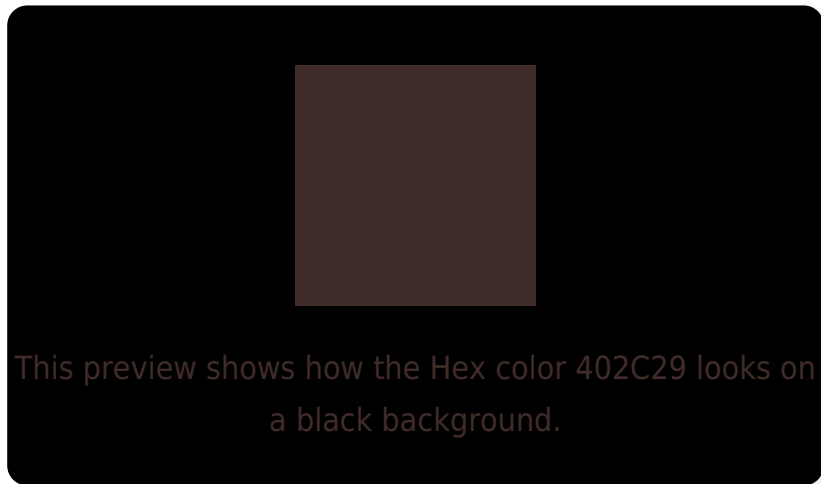
Large Text (above 18pt) WCAG AA ✓ Pass

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 402C29 Background



This preview shows how black text looks on a background with the Hex color 402C29.

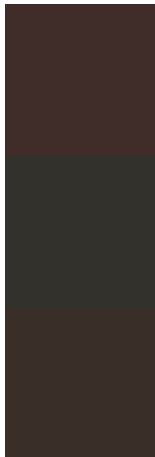


This preview shows how white text looks on a background with the Hex color 402C29.

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
402C29

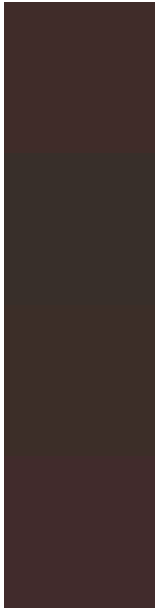
Protanopia
33312B

Deuteranopia
392F28



Tritanopia
412B2E

Trichromacy



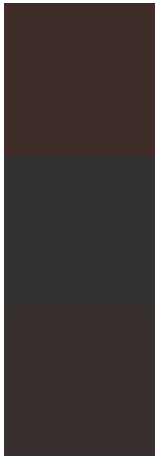
Original Color
402C29

Protanomaly
382F2A

Deuteranomaly
3C2E28

Tritanomaly
412B2C

Monochromacy



Original Color
402C29

Achromatopsia
323232

Achromatomaly
37302F

CSS Examples

Text

The CSS property to change the color of the text to Hex 402C29 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 #402C29 looks like.

```
.text, #text, p{  
    color:#402C29  
}
```

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 #402C29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #402C29
}
```

Border

The CSS property to change the border of an element to Hex 402C29 is called "border". The border property can be set on classes, ids or directly on the HTML element.

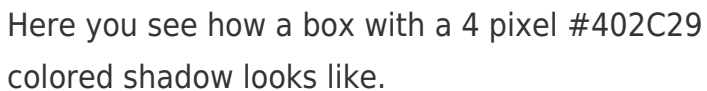
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#402C29 }
```

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

```
.border{ border-color:#402C29 }
```

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



Here you see how a box with a 4 pixel #402C29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #402C29; -webkit-box-shadow:4px 4px  
4px 4px #402C29; box-shadow:4px 4px 4px  
4px #402C29 }
```

Background

The CSS property to change the background color of an element to Hex 402C29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#402C29 }
```

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

```
.background{ background-color:#402C29 }
```

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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