

Converting Colors

Hex(402323)

Have a look what the booklet for
Hex(402323) contains.

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Color

Hex(402323)

Conversions

Conversions Part 1

Format	Color
Hex	402323
RGB	64, 35, 35
RGB Percent	25%, 14%, 14%
CMY	0.7490, 0.8627, 0.8627
CMYK	0.00, 0.45, 0.45, 0.75
HSL	0°, 29%, 19%
HSV	0°, 45%, 25%
XYZ	3.0188, 2.4134, 1.8968
YIQ	43.6710, 17.2840, 6.1480

Conversions

Conversions Part 2

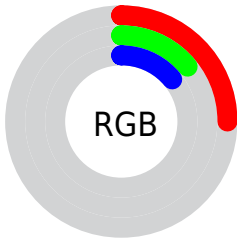
Format	Color
RYB	64, 35, 35
Decimal	4203299
CIELab	17.52, 13.85, 5.95
CIELCh	18, 15.075, 23.250
Yxy	2.4134, 0.4119, 0.3293
Android (android.graphics.Color)	4282393379 (0xFF402323)
YUV	43.6710, -4.2748, 17.8285
Hunter-Lab	15.5351, 7.4993, 3.6353

Details

The Hex color **402323** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **234040**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **71504F**, and **080000** is the 20% darker color. If you saturate the color by 10%, you get **401D1D**, and if you desaturate by 10%, it is **402929**.

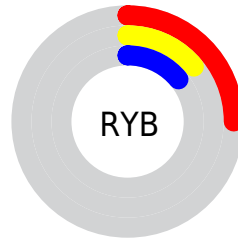
Distribution



Red (25%)

Green (14%)

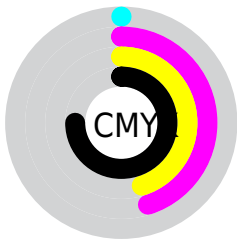
Blue (14%)



Red (25%)

Yellow (14%)

Blue (14%)

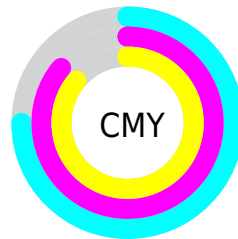


Cyan (0%)

Magenta (45%)

Yellow (45%)

Black (75%)



Cyan (75%)

Magenta (86%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 402323 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 402323 by changing the saturation by 10% instead.



402323



402323

FFFFFF



290E0D



71504F



080000



8B6867



000000



A68180



C19B9A



DDB6B5



FAD2D1



FFEEED



402323



402323

■ 401D1D

■ 402929

■ 401616

■ 403030

■ 401010

■ 403636

■ 400909

■ 403D3D

■ 400303

■ 404343

■ 400000

■ 404949

■ 405050

■ 405656

■ 405D5D

Harmonies

Analogous

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



3E232E



402323



3C261A

Triad

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



402323



1D2F1E



172D40

Complementary

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



402323



234040

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.



032F3C



402323



0E3128

Square

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



402323



2A2D17



013133



29293F

Rectangle

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



402323



372816



013133



102E3F

Sweetspot

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



402323



544848



402340



2B2424



ABABAB



2B2B2B

Same Dimension

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



402323



542727



403223



211E1E



610000



E00000

Inverse Universe

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



234040



275454



233240



1E2121



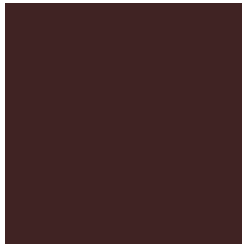
006161



00E0E0

Previews

White Background



This preview shows how the Hex color 402323 looks on a white background.

Color Contrast Check

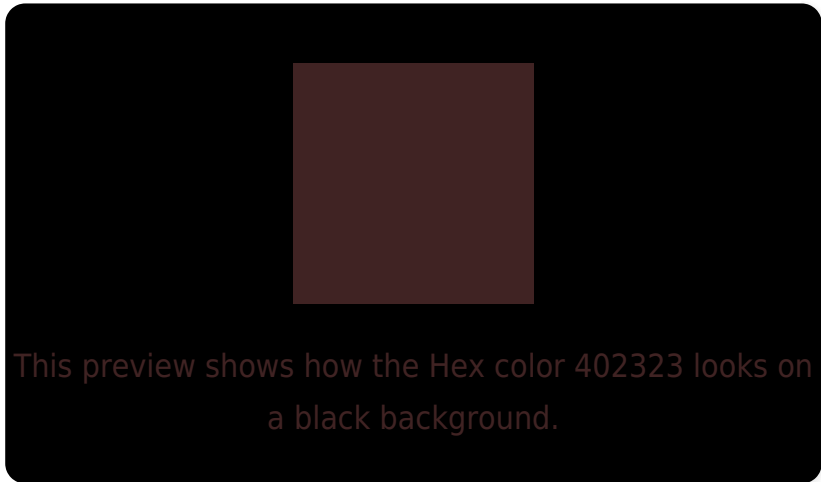
Large Text (above 18pt) WCAG AA ✓ Pass

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

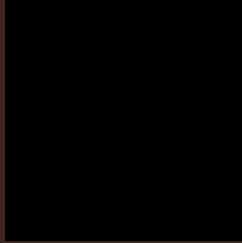
Any Text WCAG AA × Fail

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 402323 Background



This preview shows how black text looks on a background with the Hex color 402323.

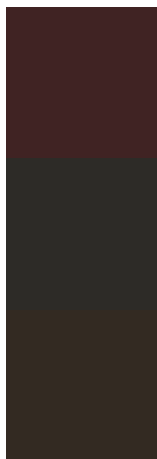


This preview shows how white text looks on a background with the Hex color 402323.

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
402323

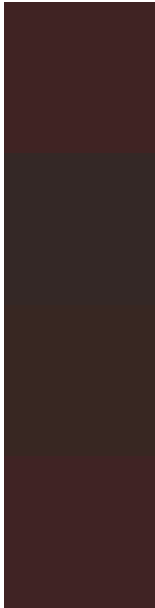
Protanopia
2D2B27

Deuteranopia
332A22



Tritanopia
402325

Trichromacy



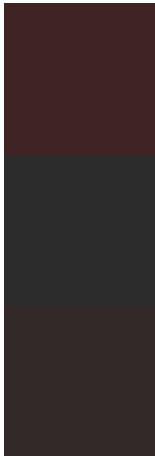
Original Color
402323

Protanomaly
342826

Deuteranomaly
382722

Tritanomaly
402324

Monochromacy



Original Color
402323

Achromatopsia
2C2C2C

Achromatomaly
332929

CSS Examples

Text

The CSS property to change the color of the text to Hex 402323 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 #402323 looks like.

```
.text, #text, p{  
    color:#402323  
}
```

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 #402323 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #402323
}
```

Border

The CSS property to change the border of an element to Hex 402323 is called "border". The border property can be set on classes, ids or directly on the HTML element.

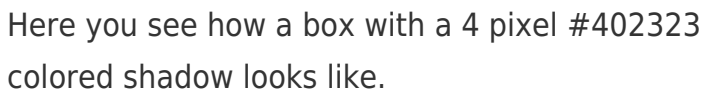
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#402323 }
```

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

```
.border{ border-color:#402323 }
```

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



Here you see how a box with a 4 pixel #402323 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #402323; -webkit-box-shadow:4px 4px  
4px 4px #402323; box-shadow:4px 4px 4px  
4px #402323 }
```

Background

The CSS property to change the background color of an element to Hex 402323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#402323 }
```

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

```
.background{ background-color:#402323 }
```

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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