

Converting Colors

Hex(402029)

Have a look what the booklet for
Hex(402029) contains.

Hex(402029)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(402029)

Conversions

Conversions Part 1

Format	Color
Hex	402029
RGB	64, 32, 41
RGB Percent	25%, 13%, 16%
CMY	0.7490, 0.8745, 0.8392
CMYK	0.00, 0.50, 0.36, 0.75
HSL	343°, 33%, 19%
HSV	343°, 50%, 25%
XYZ	3.0311, 2.2831, 2.3787
YIQ	42.5940, 16.1830, 9.5830

Conversions

Conversions Part 2

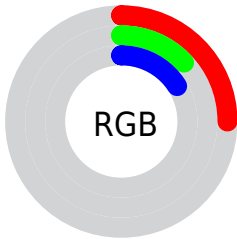
Format	Color
RYB	64, 32, 41
Decimal	4202537
CIELab	16.91, 16.71, 0.83
CIElCh	17, 16.735, 2.834
Yxy	2.2831, 0.3940, 0.2968
Android (android.graphics.Color)	4282392617 (0xFF402029)
YUV	42.5940, -0.7858, 18.7731
Hunter-Lab	15.1100, 9.3652, 1.2430

Details

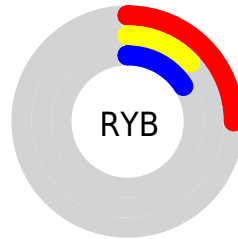
The Hex color **402029** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **204037**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **714D56**, and **090000** is the 20% darker color. If you saturate the color by 10%, you get **401A24**, and if you desaturate by 10%, it is **40262E**.

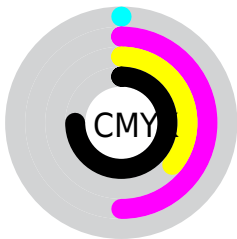
Distribution



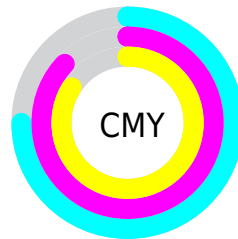
- Red (25%)
- Green (13%)
- Blue (16%)



- Red (25%)
- Yellow (13%)
- Blue (16%)



- Cyan (0%)
- Magenta (50%)
- Yellow (36%)
- Black (75%)



- Cyan (75%)
- Magenta (87%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 402029 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 402029 by changing the saturation by 10% instead.

■ 402029

■ 402029

FFFFFF

■ 290B15

■ 714D56

■ 090000

■ 8B656E

■ 000000

■ A67E88

■ C198A2

■ DDB3BD

■ FACFD9

■ FFEBF5

■ 402029

■ 402029

■ 401A24

■ 40262E

■ 401320

■ 402D32

■ 400D1B

■ 403337

■ 400617

■ 403A3B

■ 400012

■ 404040

■ 404645

■ 404D49

■ 40534E

■ 405A52

Harmonies

Analogous

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



3A2235



402029



40211D

Triad

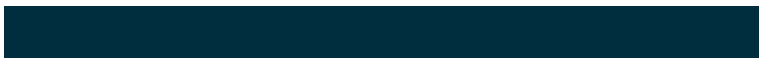
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



402029



242D15



002E3F

Complementary

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



402029



204037

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.



003036



402029



152F1E

Square

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



402029



302911



01302A



192B41

Rectangle

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



402029



3C2417



01302A



002F3C

Sweetspot

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



402029



54484B



372040



2B2426



ABABAB



2B2B2B

Same Dimension

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



402029



542230



402720



211E1F



61001B



E0003F

Inverse Universe

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



402029



542230



203940



211E1F



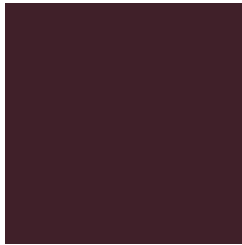
61001B



E0003F

Previews

White Background



This preview shows how the Hex color 402029 looks on a white background.

Color Contrast Check

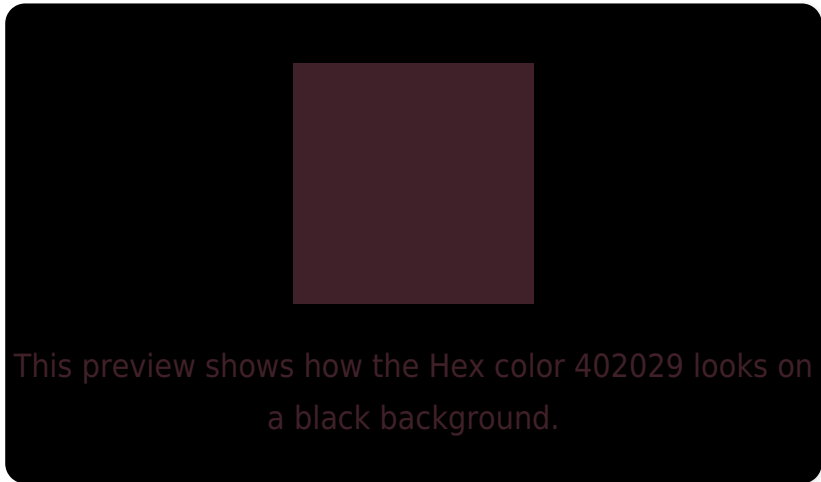
Large Text (above 18pt) WCAG AA ✓ Pass

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

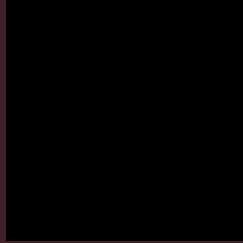
Any Text WCAG AA × Fail

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 402029 Background



This preview shows how black text looks on a background with the Hex color 402029.



This preview shows how white text looks on a background with the Hex color 402029.

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
402029

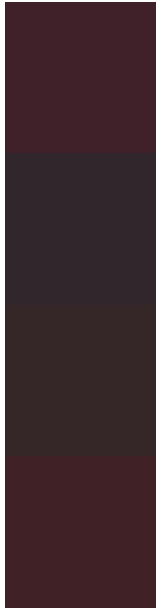
Protanopia
2A2A2F

Deuteranopia
2F2928



Tritanopia
402123

Trichromacy



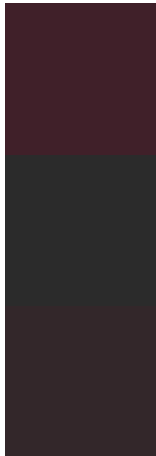
Original Color
402029

Protanomaly
32262D

Deuteranomaly
352628

Tritanomaly
402125

Monochromacy



Original Color
402029

Achromatopsia
2B2B2B

Achromatomaly
33272A

CSS Examples

Text

The CSS property to change the color of the text to Hex 402029 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 #402029 looks like.

```
.text, #text, p{  
    color:#402029  
}
```

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 #402029 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #402029
}
```

Border

The CSS property to change the border of an element to Hex 402029 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".

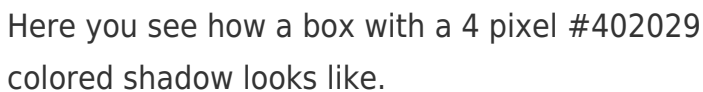
```
.border, #border, table{ border:4px solid
#402029 }
```

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

```
.border{ border-color:#402029 }
```

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

Here you see how a box with a 4 pixel #402029 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #402029; -webkit-box-shadow:4px 4px  
4px 4px #402029; box-shadow:4px 4px 4px  
4px #402029 }
```

Background

The CSS property to change the background color of an element to Hex 402029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#402029 }
```

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

```
.background{ background-color:#402029 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor