

Converting Colors

Hex(4D302D)

Have a look what the booklet for
Hex(4D302D) contains.

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Color

Hex(4D302D)

Conversions

Conversions Part 1

Format	Color
Hex	4D302D
RGB	77, 48, 45
RGB Percent	30%, 19%, 18%
CMY	0.6980, 0.8118, 0.8235
CMYK	0.00, 0.38, 0.42, 0.70
HSL	6°, 26%, 24%
HSV	6°, 42%, 30%
XYZ	4.5912, 3.8811, 2.9898
YIQ	56.3290, 18.2470, 5.2150

Conversions

Conversions Part 2

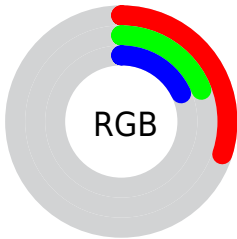
Format	Color
R_{YB}	77, 48, 45
Decimal	5058605
CIE _{Lab}	23.27, 12.81, 7.38
CIE _{LCh}	23, 14.781, 29.940
Yxy	3.8811, 0.4006, 0.3386
Android (android.graphics.Color)	4283248685 (0xFF4D302D)
YUV	56.3290, -5.5852, 18.1285
Hunter-Lab	19.7006, 7.1228, 4.7926

Details

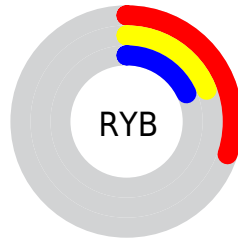
The Hex color **4D302D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2D4A4D**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **7F5E5B**, and **220100** is the 20% darker color. If you saturate the color by 10%, you get **4D2925**, and if you desaturate by 10%, it is **4D3735**.

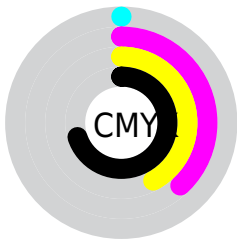
Distribution



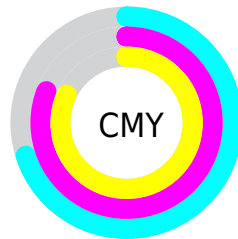
- Red (30%)
- Green (19%)
- Blue (18%)



- Red (30%)
- Yellow (19%)
- Blue (18%)



- Cyan (0%)
- Magenta (38%)
- Yellow (42%)
- Black (70%)



- Cyan (70%)
- Magenta (81%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D302D 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 4D302D by changing the saturation by 10% instead.

 4D302D

 4D302D

FFFFFF

 351B18

 7F5E5B

 220100

 9A7773

 000000

 B5918D

 D1ABA7

 EDC7C2

 FFE3DE

 FFFFFB

 4D302D

 4D302D

■ 4D2925

■ 4D3735

■ 4D221E

■ 4D3E3C

■ 4D1B16

■ 4D4544

■ 4D140E

■ 4D4C4C

■ 4D0D06

■ 4D5354

■ 4D0700

■ 4D5A5B

■ 4D6163

■ 4D686B

■ 4D6F72

Harmonies

Analogous

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



4C2F38



4D302D



483325

Triad

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



4D302D



273C2C



29394D

Complementary

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



4D302D



2D4A4D

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.



193C4A



4D302D



1A3D37

Square

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



4D302D



333A24



123D42



39354B

Rectangle

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



4D302D



423622



123D42



233A4D

Sweetspot

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



4D302D



635958



4D2D4A



332D2C



B3B3B3



333333

Same Dimension

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



4D302D



633632



4D402D



262322



660A00



E61600

Inverse Universe

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



2D4A4D



325F63



2D3A4D



222626



005C66



00D0E6

Previews

White Background



This preview shows how the Hex color 4D302D looks on a white background.

Color Contrast Check

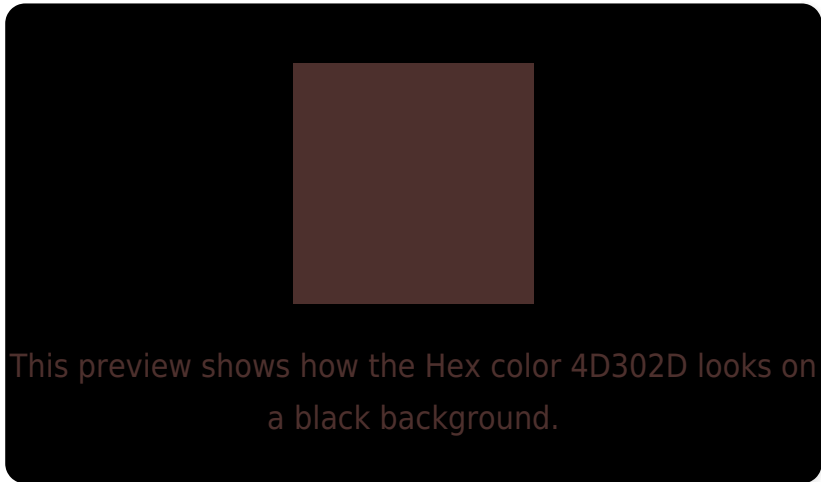
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D302D Background



This preview shows how black text looks on a background with the Hex color 4D302D.

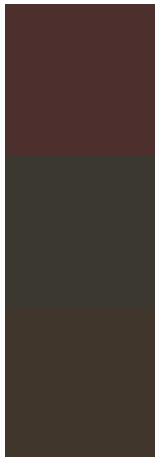


This preview shows how white text looks on a background with the Hex color 4D302D.

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
4D302D

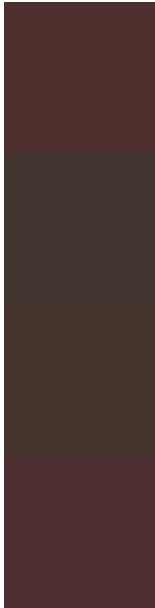
Protanopia
3A3831

Deuteranopia
41362C



Tritanopia
4D2F33

Trichromacy



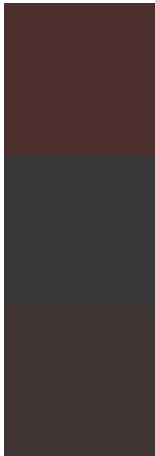
Original Color
4D302D

Protanomaly
413530

Deuteranomaly
45342C

Tritanomaly
4D2F31

Monochromacy



Original Color
4D302D

Achromatopsia
383838

Achromatomaly
403534

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D302D 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 #4D302D looks like.

```
.text, #text, p{  
    color:#4D302D  
}
```

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 #4D302D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D302D
}
```

Border

The CSS property to change the border of an element to Hex 4D302D 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".

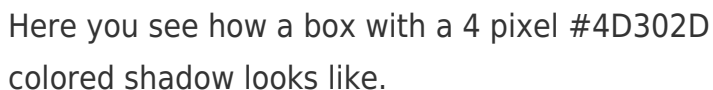
```
.border, #border, table{ border:4px solid
#4D302D }
```

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

```
.border{ border-color:#4D302D }
```

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

Here you see how a box with a 4 pixel #4D302D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D302D; -webkit-box-shadow:4px 4px  
4px 4px #4D302D; box-shadow:4px 4px 4px  
4px #4D302D }
```

Background

The CSS property to change the background color of an element to Hex 4D302D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D302D }
```

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

```
.background{ background-color:#4D302D }
```

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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