

Converting Colors

Hex(412D29)

Have a look what the booklet for
Hex(412D29) contains.

Hex(412D29)	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(412D29)

Conversions

Conversions Part 1

Format	Color
Hex	412D29
RGB	65, 45, 41
RGB Percent	25%, 18%, 16%
CMY	0.7451, 0.8235, 0.8392
CMYK	0.00, 0.31, 0.37, 0.75
HSL	10°, 23%, 21%
HSV	10°, 37%, 25%
XYZ	3.5186, 3.1607, 2.5224
YIQ	50.5240, 13.2040, 2.9960

Conversions

Conversions Part 2

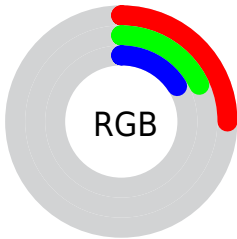
Format	Color
RYB	65, 46, 41
Decimal	4271401
CIELab	20.68, 8.55, 6.22
CIELCh	21, 10.576, 36.028
Yxy	3.1607, 0.3824, 0.3435
Android (android.graphics.Color)	4282461481 (0xFF412D29)
YUV	50.5240, -4.6953, 12.6955
Hunter-Lab	17.7783, 4.2158, 4.0326

Details

The Hex color **412D29** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **293D41**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **725B56**, and **160000** is the 20% darker color. If you saturate the color by 10%, you get **412823**, and if you desaturate by 10%, it is **413230**.

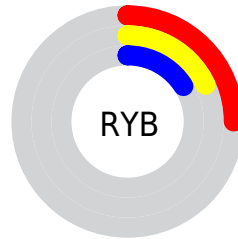
Distribution



Red (25%)

Green (18%)

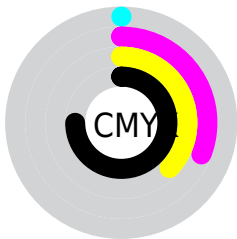
Blue (16%)



Red (25%)

Yellow (18%)

Blue (16%)

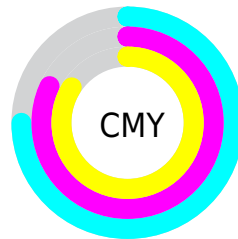


Cyan (0%)

Magenta (31%)

Yellow (37%)

Black (75%)



Cyan (75%)

Magenta (82%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 412D29 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 412D29 by changing the saturation by 10% instead.



412D29



412D29

FFFFFF



2A1815



725B56



160000



8B736E



000000



A68D88



C1A7A2



DDC2BD



FADED9



FFFBF5



412D29



412D29

■ 412823

■ 413230

■ 41221C

■ 413836

■ 411D16

■ 413D3D

■ 41170F

■ 414343

■ 411209

■ 41484A

■ 410D02

■ 414E50

■ 410B00

■ 415357

■ 41585D

■ 415E64

Harmonies

Analogous

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



412C30



412D29



3D2F24

Triad

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



412D29



25362B



2A3241

Complementary

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



412D29



293D41

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.



203440



412D29



1D3633

Square

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



412D29



2D3425



1B363B



352F3E

Rectangle

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



412D29



383122



1B363B



273341

Sweetspot

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



412D29



544C4B



41293D



2B2726



ABABAB



2B2B2B

Same Dimension

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



412D29



54352F



413929



211E1E



611000



E02500

Inverse Universe

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



293D41



2F4E54



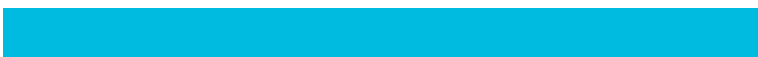
293141



1E2121



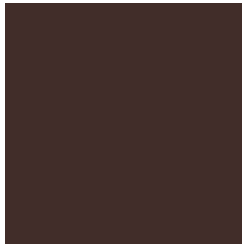
005161



00BBE0

Previews

White Background



This preview shows how the Hex color 412D29 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

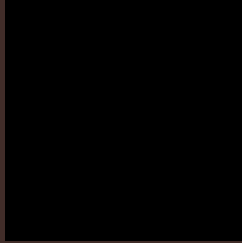
Any Text WCAG AA × Fail

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 412D29 Background



This preview shows how black text looks on a background with the Hex color 412D29.

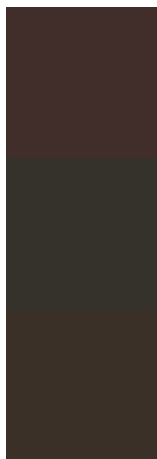


This preview shows how white text looks on a background with the Hex color 412D29.

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
412D29

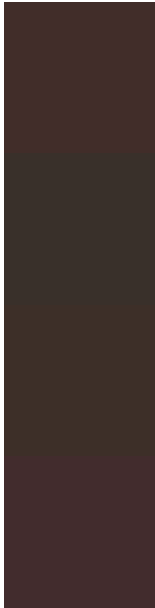
Protanopia
34322B

Deuteranopia
3A3028



Tritanopia
422C2F

Trichromacy



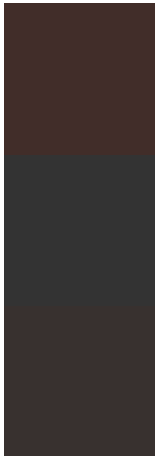
Original Color
412D29

Protanomaly
39302A

Deuteranomaly
3D2F28

Tritanomaly
422C2D

Monochromacy



Original Color
412D29

Achromatopsia
333333

Achromatomaly
38312F

CSS Examples

Text

The CSS property to change the color of the text to Hex 412D29 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 #412D29 looks like.

```
.text, #text, p{  
    color:#412D29  
}
```

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 #412D29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #412D29  
}
```

Border

The CSS property to change the border of an element to Hex 412D29 is called "border". The border property can be set on classes, ids or directly on the HTML element.

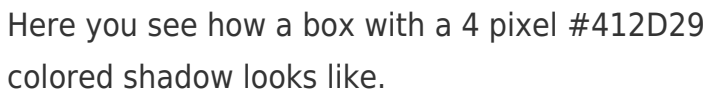
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#412D29 }
```

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

```
.border{ border-color:#412D29 }
```

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



Here you see how a box with a 4 pixel #412D29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #412D29; -webkit-box-shadow:4px 4px  
4px 4px #412D29; box-shadow:4px 4px 4px  
4px #412D29 }
```

Background

The CSS property to change the background color of an element to Hex 412D29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#412D29 }
```

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

```
.background{ background-color:#412D29 }
```

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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