

Converting Colors

Hex(412B3D)

Have a look what the booklet for
Hex(412B3D) contains.

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Color

Hex(412B3D)

Conversions

Conversions Part 1

Format	Color
Hex	412B3D
RGB	65, 43, 61
RGB Percent	25%, 17%, 24%
CMY	0.7451, 0.8314, 0.7608
CMYK	0.00, 0.34, 0.06, 0.75
HSL	311°, 20%, 21%
HSV	311°, 34%, 25%
XYZ	3.8862, 3.1885, 4.8255
YIQ	51.6300, 7.3340, 10.2620

Conversions

Conversions Part 2

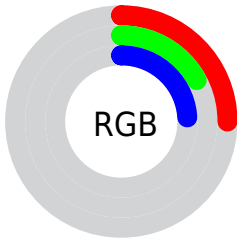
Format	Color
RYB	65, 43, 61
Decimal	4270909
CIELab	20.78, 13.70, -7.36
CIElCh	21, 15.552, 331.768
Yxy	3.1885, 0.3266, 0.2679
Android (android.graphics.Color)	4282460989 (0xFF412B3D)
YUV	51.6300, 4.6194, 11.7255
Hunter-Lab	17.8564, 7.5991, -3.5231

Details

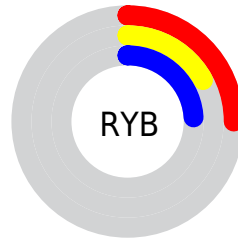
The Hex color **412B3D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B412F**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **71596C**, and **180013** is the 20% darker color. If you saturate the color by 10%, you get **41253C**, and if you desaturate by 10%, it is **41323E**.

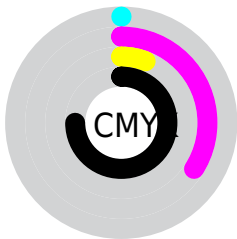
Distribution



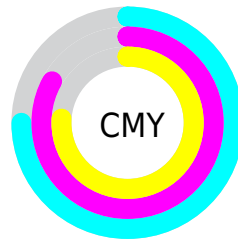
- Red (25%)
- Green (17%)
- Blue (24%)



- Red (25%)
- Yellow (17%)
- Blue (24%)



- Cyan (0%)
- Magenta (34%)
- Yellow (6%)
- Black (75%)



- Cyan (75%)
- Magenta (83%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 412B3D 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 412B3D by changing the saturation by 10% instead.

■ 412B3D

■ 412B3D

FFFFFF

■ 2B1627

■ 71596C

■ 180013

■ 8B7186

■ 000000

■ A58BA0

■ C1A5BB

■ DCC0D7

■ F9DCF3

■ FFF9FF

■ 412B3D

■ 412B3D

■ 41253C

■ 41323E

■ 411E3B

■ 41383F

■ 411839

■ 413F41

■ 411138

■ 414542

■ 410B37

■ 414C43

■ 410436

■ 415244

■ 410035

■ 415945

■ 415F46

■ 416648

Harmonies

Analogous

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



342F45



412B3D



482932

Triad

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



412B3D



39321B



06383E

Complementary

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



412B3D



2B412F

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.



103832



412B3D



2D351E

Square

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



412B3D



422E1E



1F3727



103646

Rectangle

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



412B3D



482A2A



1F3727



07383A

Sweetspot

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



412B3D



544C53



2F2B41



2B262A



ABABAB



2B2B2B

Same Dimension

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



412B3D



54324E



412B32



211E21



61004F



E000B8

Inverse Universe

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



412B3D



54324E



2B413A



211E21



61004F



E000B8

Previews

White Background



This preview shows how the Hex color 412B3D looks on a white background.

Color Contrast Check

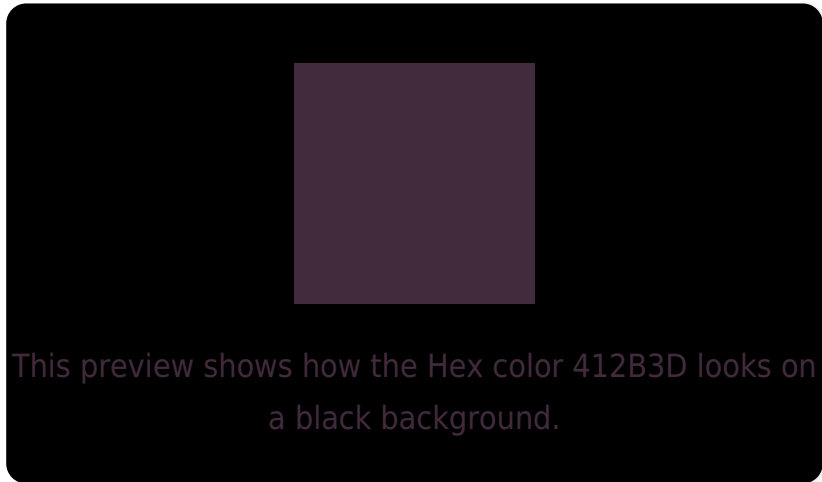
Large Text (above 18pt) WCAG AA ✓ Pass

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

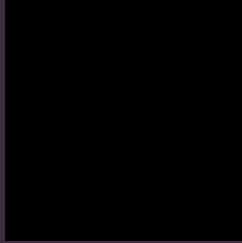
Any Text WCAG AA × Fail

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 412B3D Background



This preview shows how black text looks on a background with the Hex color 412B3D.



This preview shows how white text looks on a background with the Hex color 412B3D.

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
412B3D

Protanopia
2E3242

Deuteranopia
32313C



Tritanopia
3F2D31

Trichromacy



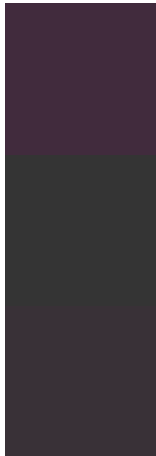
Original Color
412B3D

Protanomaly
352F40

Deuteranomaly
372F3C

Tritanomaly
402C35

Monochromacy



Original Color
412B3D

Achromatopsia
343434

Achromatomaly
393137

CSS Examples

Text

The CSS property to change the color of the text to Hex 412B3D 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 #412B3D looks like.

```
.text, #text, p{  
    color:#412B3D  
}
```

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 #412B3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #412B3D
}
```

Border

The CSS property to change the border of an element to Hex 412B3D is called "border". The border property can be set on classes, ids or directly on the HTML element.

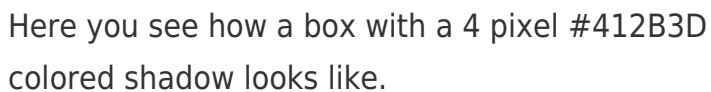
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#412B3D }
```

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

```
.border{ border-color:#412B3D }
```

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



Here you see how a box with a 4 pixel #412B3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #412B3D; -webkit-box-shadow:4px 4px  
4px 4px #412B3D; box-shadow:4px 4px 4px  
4px #412B3D }
```

Background

The CSS property to change the background color of an element to Hex 412B3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#412B3D }
```

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

```
.background{ background-color:#412B3D }
```

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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