

Converting Colors

Hex(412853)

Have a look what the booklet for
Hex(412853) contains.

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Color

Hex(412853)

Conversions

Conversions Part 1

Format	Color
Hex	412853
RGB	65, 40, 83
RGB Percent	25%, 16%, 33%
CMY	0.7451, 0.8431, 0.6745
CMYK	0.22, 0.52, 0.00, 0.67
HSL	275°, 35%, 24%
HSV	275°, 52%, 33%
XYZ	4.5001, 3.2659, 8.5768
YIQ	52.3770, 1.0970, 18.6730

Conversions

Conversions Part 2

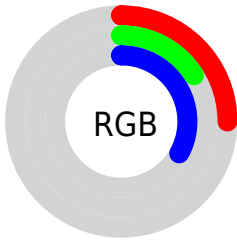
Format	Color
RYB	65, 40, 83
Decimal	4270163
CIELab	21.08, 21.06, -21.80
CIELCh	21, 30.315, 314.005
Yxy	3.2659, 0.2754, 0.1998
Android (android.graphics.Color)	4282460243 (0xFF412853)
YUV	52.3770, 15.0971, 11.0704
Hunter-Lab	18.0719, 12.8226, -15.4884

Details

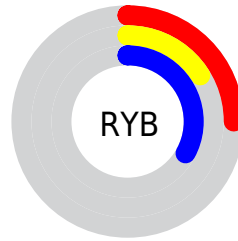
The Hex color **412853** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3A5328**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **725685**, and **180026** is the 20% darker color. If you saturate the color by 10%, you get **3E2053**, and if you desaturate by 10%, it is **443053**.

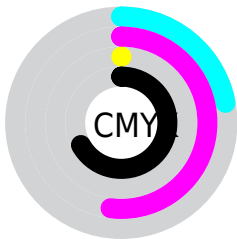
Distribution



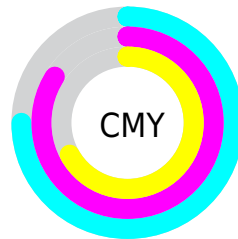
- Red (25%)
- Green (16%)
- Blue (33%)



- Red (25%)
- Yellow (16%)
- Blue (33%)



- Cyan (22%)
- Magenta (52%)
- Yellow (0%)
- Black (67%)



- Cyan (75%)
- Magenta (84%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 412853 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 412853 by changing the saturation by 10% instead.

■ 412853

■ 412853

FFFFFF

■ 2A133C

■ 725685

■ 180026

■ 8C6F9F

■ 00010F

■ A788BA

■ 000000

■ C2A2D6

■ DEBEF2

■ FBD9FF

■ FFF6FF

■ 412853

■ 412853

■ 3E2053

■ 443053

■ 3A1753

■ 483953

■ 370F53

■ 4B4153

■ 330753

■ 4F4953

■ 300053

■ 525253

■ 565A53

■ 596253

■ 5D6A53

■ 607353

Harmonies

Analogous

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



19325E



412853



551F40

Triad

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



412853



482D02



003D3D

Complementary

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



412853



3A5328

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.



003C26



412853



343500

Square

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



412853



562414



1A3A10



003C51

Rectangle

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



412853



5A1D31



1A3A10



003D35

Sweetspot

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



412853



645A6B



283B53



312B36



B5B5B5



363636

Same Dimension

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



412853



4F296B



532850



272529



3D0069



8700E8

Inverse Universe

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



53283A



6B2944



28532B



292526



69002C



E80061

Previews

White Background



This preview shows how the Hex color 412853 looks on a white background.

Color Contrast Check

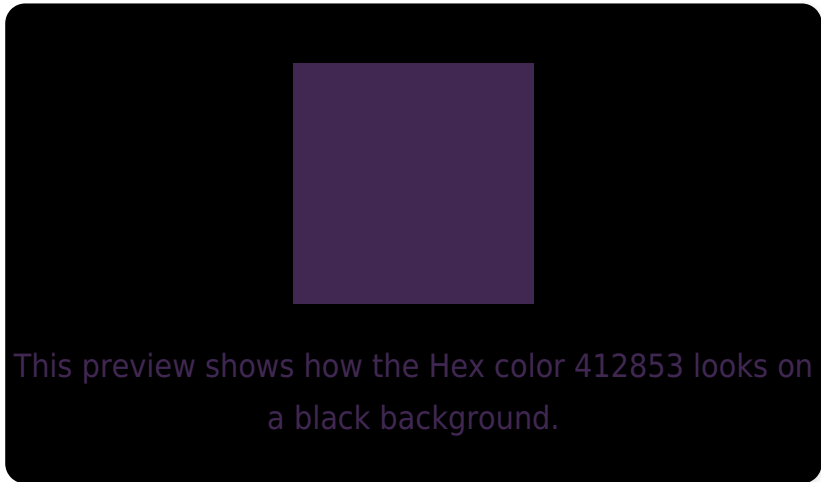
Large Text (above 18pt) WCAG AA ✓ Pass

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

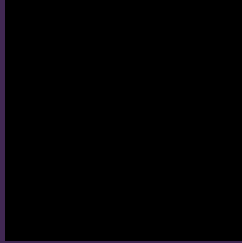
Any Text WCAG AA × Fail

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 412853 Background



This preview shows how black text looks on a background with the Hex color 412853.



This preview shows how white text looks on a background with the Hex color 412853.

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](#).

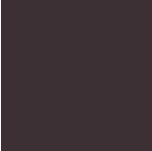
Dichromacy



Original Color
412853

Protanopia
1E325C

Deuteranopia
233351



Tritanopia
3C3034

Trichromacy



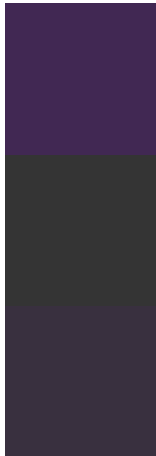
Original Color
412853

Protanomaly
2B2E59

Deuteranomaly
2E2F52

Tritanomaly
3E2D3F

Monochromacy



Original Color
412853

Achromatopsia
343434

Achromatomaly
39303F

CSS Examples

Text

The CSS property to change the color of the text to Hex 412853 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 #412853 looks like.

```
.text, #text, p{  
  color:#412853  
}
```

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 #412853 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #412853
}
```

Border

The CSS property to change the border of an element to Hex 412853 is called "border". The border property can be set on classes, ids or directly on the HTML element.

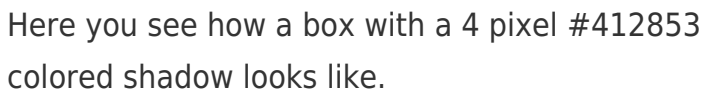
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#412853 }
```

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

```
.border{ border-color:#412853 }
```

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



Here you see how a box with a 4 pixel #412853 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #412853; -webkit-box-shadow:4px 4px  
4px 4px #412853; box-shadow:4px 4px 4px  
4px #412853 }
```

Background

The CSS property to change the background color of an element to Hex 412853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#412853 }
```

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

```
.background{ background-color:#412853 }
```

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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