

Converting Colors

Hex(412738)

Have a look what the booklet for
Hex(412738) contains.

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Color

Hex(412738)

Conversions

Conversions Part 1

Format	Color
Hex	412738
RGB	65, 39, 56
RGB Percent	25%, 15%, 22%
CMY	0.7451, 0.8471, 0.7804
CMYK	0.00, 0.40, 0.14, 0.75
HSL	321°, 25%, 20%
HSV	321°, 40%, 25%
XYZ	3.6193, 2.8604, 4.1027
YIQ	48.7120, 10.0390, 10.7990

Conversions

Conversions Part 2

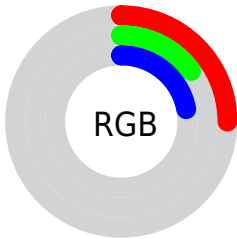
Format	Color
RYB	65, 39, 56
Decimal	4269880
CIELab	19.48, 15.30, -5.89
CIELCh	19, 16.395, 338.964
Yxy	2.8604, 0.3420, 0.2703
Android (android.graphics.Color)	4282459960 (0xFF412738)
YUV	48.7120, 3.5930, 14.2846
Hunter-Lab	16.9127, 8.6018, -2.5439

Details

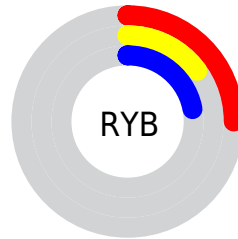
The Hex color **412738** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **274130**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **715567**, and **17000D** is the 20% darker color. If you saturate the color by 10%, you get **412136**, and if you desaturate by 10%, it is **412E3A**.

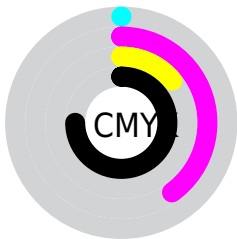
Distribution



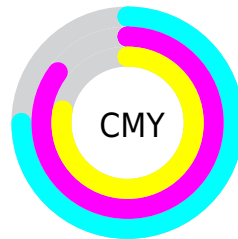
- Red (25%)
- Green (15%)
- Blue (22%)



- Red (25%)
- Yellow (15%)
- Blue (22%)



- Cyan (0%)
- Magenta (40%)
- Yellow (14%)
- Black (75%)



- Cyan (75%)
- Magenta (85%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 412738 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 412738 by changing the saturation by 10% instead.



412738



412738

FFFFFF



2A1223



715567



17000D



8B6D80



000000



A6869A



C1A1B5



DDBC00



FAD7EC



FFF4FF



412738



412738

■ 412136

■ 412E3A

■ 411A33

■ 41343C

■ 411431

■ 413B3F

■ 410D2F

■ 414141

■ 41062D

■ 414843

■ 41002A

■ 414E46

■ 415548

■ 415B4A

■ 41624C

Harmonies

Analogous

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



352B42



412738



46262C

Triad

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



412738



333017



00353E

Complementary

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



412738



274130

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.



053632



412738



26331C

Square

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



412738



3E2C19



173526



0D3345

Rectangle

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



412738



462724



173526



00353A

Sweetspot

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



412738



544A51



302741



2B2529



ABABAB



2B2B2B

Same Dimension

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



412738



542C46



41272B



211E20



61003F



E00093

Inverse Universe

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



412738



542C46



27413D



211E20



61003F



E00093

Previews

White Background



This preview shows how the Hex color 412738 looks on a white background.

Color Contrast Check

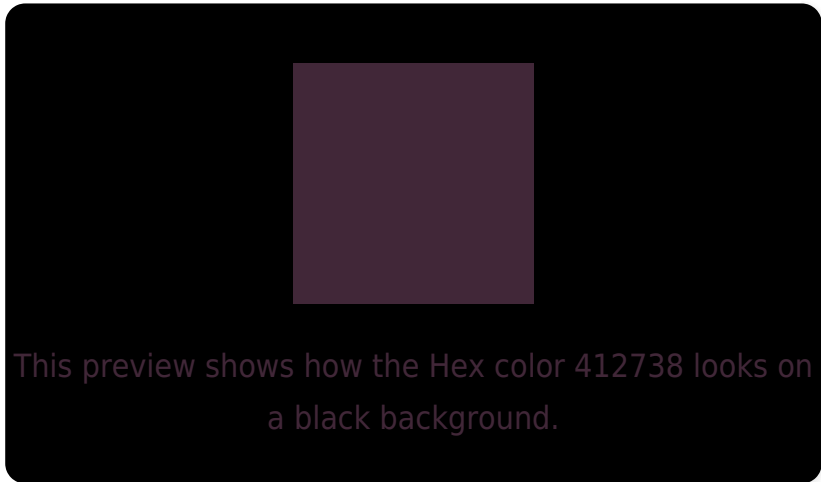
Large Text (above 18pt) WCAG AA ✓ Pass

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

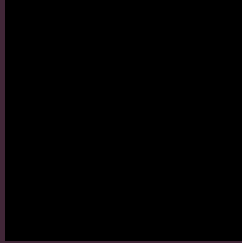
Any Text WCAG AA × Fail

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 412738 Background



This preview shows how black text looks on a background with the Hex color 412738.



This preview shows how white text looks on a background with the Hex color 412738.

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
412738

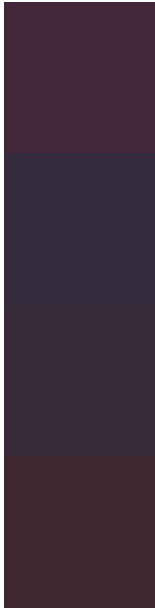
Protanopia
2C2F3E

Deuteranopia
312E37



Tritanopia
40292C

Trichromacy



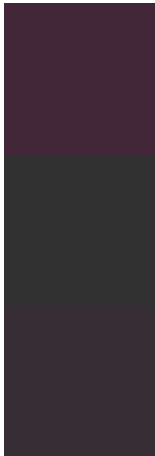
Original Color
412738

Protanomaly
342C3C

Deuteranomaly
372B37

Tritanomaly
402830

Monochromacy



Original Color
412738

Achromatopsia
313131

Achromatomaly
372D34

CSS Examples

Text

The CSS property to change the color of the text to Hex 412738 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 #412738 looks like.

```
.text, #text, p{  
    color:#412738  
}
```

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 #412738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #412738
}
```

Border

The CSS property to change the border of an element to Hex 412738 is called "border". The border property can be set on classes, ids or directly on the HTML element.

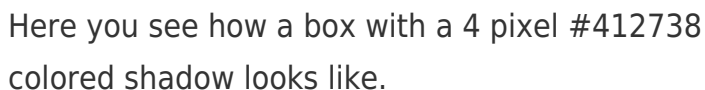
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#412738 }
```

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

```
.border{ border-color:#412738 }
```

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



Here you see how a box with a 4 pixel #412738 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #412738; -webkit-box-shadow:4px 4px  
4px 4px #412738; box-shadow:4px 4px 4px  
4px #412738 }
```

Background

The CSS property to change the background color of an element to Hex 412738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#412738 }
```

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

```
.background{ background-color:#412738 }
```

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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