

Converting Colors

Hex(412B4A)

Have a look what the booklet for
Hex(412B4A) contains.

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Color

Hex(412B4A)

Conversions

Conversions Part 1

Format	Color
Hex	412B4A
RGB	65, 43, 74
RGB Percent	25%, 17%, 29%
CMY	0.7451, 0.8314, 0.7098
CMYK	0.12, 0.42, 0.00, 0.71
HSL	283°, 26%, 23%
HSV	283°, 42%, 29%
XYZ	4.2799, 3.3460, 6.8988
YIQ	53.1120, 3.1610, 14.3050

Conversions

Conversions Part 2

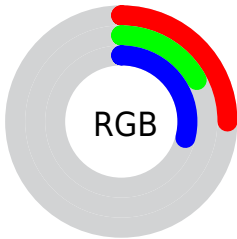
Format	Color
RYB	65, 43, 74
Decimal	4270922
CIELab	21.38, 16.76, -15.29
CIELCh	21, 22.687, 317.643
Yxy	3.3460, 0.2947, 0.2304
Android (android.graphics.Color)	4282461002 (0xFF412B4A)
YUV	53.1120, 10.2978, 10.4258
Hunter-Lab	18.2920, 9.7535, -9.5568




Details

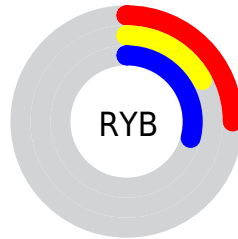
The Hex color **412B4A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **344A2B**, and the grayscale version is **353535**.




A 20% lighter version of the original color is **71597B**, and **18001E** is the 20% darker color. If you saturate the color by 10%, you get **3F244A**, and if you desaturate by 10%, it is **43324A**.

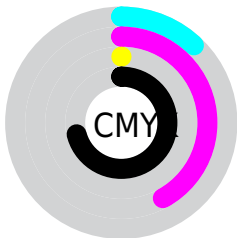
Distribution







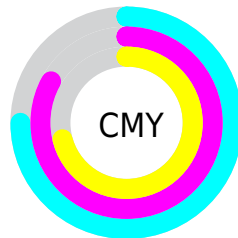
-  Red (25%)
-  Green (17%)
-  Blue (29%)






-  Red (25%)
-  Yellow (17%)
-  Blue (29%)



-  Cyan (12%)
-  Magenta (42%)
-  Yellow (0%)
-  Black (71%)



-  Cyan (75%)
-  Magenta (83%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 412B4A 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 412B4A by changing the saturation by 10% instead.

■ 412B4A

■ 412B4A

FFFFFF

■ 2A1633

■ 71597B

■ 18001E

■ 8B7295

■ 000001

■ A68BAF

■ 000000

■ C1A6CB

■ DDC1E7

■ FADDFE

■ FFF9FF

■ 412B4A

■ 412B4A

■ 3F244A

■ 43324A

■ 3D1C4A

■ 453A4A

■ 3B154A

■ 47414A

■ 380D4A

■ 4A494A

■ 36064A

■ 4C504A

■ 35004A

■ 4E574A

■ 505F4A

■ 52664A

■ 546E4A

Harmonies

Analogous

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



293253



412B4A



4F263B

Triad

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



412B4A



433012



003C3D

Complementary

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



412B4A



344A2B

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.



013B2C



412B4A



333512

Square

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



412B4A



4E2A1B



20391C



003A4C

Rectangle

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



412B4A



522530



20391C



003C37

Sweetspot

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



412B4A



5D5461



2B344A



2E2930



B0B0B0



303030

Same Dimension

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



412B4A



533061



4A2B44



252226



480066



A300E6

Inverse Universe

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



4A2B34



61303F



2B4A31



262224



66001E



E60043

Previews

White Background



This preview shows how the Hex color 412B4A looks on a white background.

Color Contrast Check

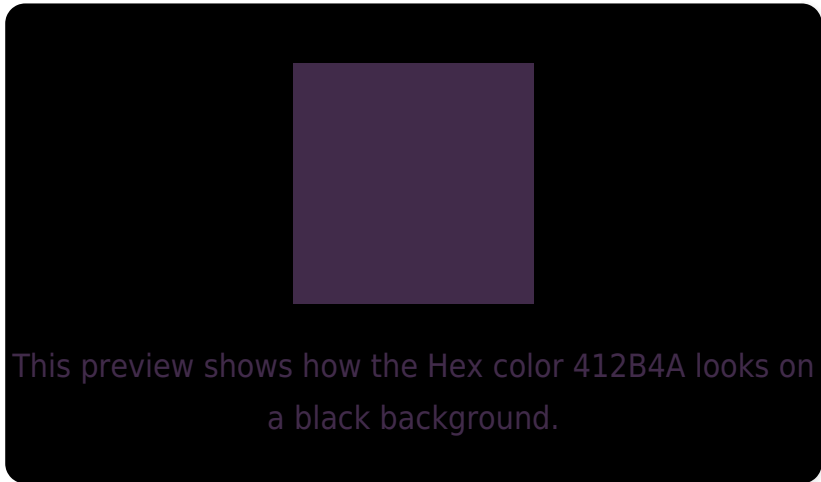
Large Text (above 18pt) WCAG AA ✓ Pass

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

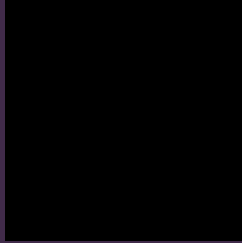
Any Text WCAG AA × Fail

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 412B4A Background



This preview shows how black text looks on a background with the Hex color 412B4A.



This preview shows how white text looks on a background with the Hex color 412B4A.

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](#).

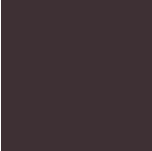
Dichromacy



Original Color
412B4A

Protanopia
293350

Deuteranopia
2C3348



Tritanopia
3E3034

Trichromacy



Original Color
412B4A

Protanomaly
32304E

Deuteranomaly
343049

Tritanomaly
3F2E3C

Monochromacy



Original Color
412B4A

Achromatopsia
353535

Achromatomaly
39313D

CSS Examples

Text

The CSS property to change the color of the text to Hex 412B4A 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 #412B4A looks like.

```
.text, #text, p{  
    color:#412B4A  
}
```

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 #412B4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #412B4A
}
```

Border

The CSS property to change the border of an element to Hex 412B4A is called "border". The border property can be set on classes, ids or directly on the HTML element.

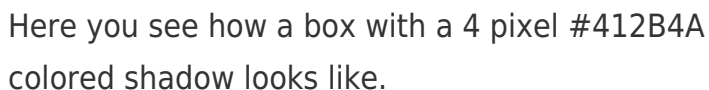
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#412B4A }
```

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

```
.border{ border-color:#412B4A }
```

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



Here you see how a box with a 4 pixel #412B4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #412B4A; -webkit-box-shadow:4px 4px  
4px 4px #412B4A; box-shadow:4px 4px 4px  
4px #412B4A }
```

Background

The CSS property to change the background color of an element to Hex 412B4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#412B4A }
```

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

```
.background{ background-color:#412B4A }
```

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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