

Converting Colors

Hex(412029)

Have a look what the booklet for
Hex(412029) contains.

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Color

Hex(412029)

Conversions

Conversions Part 1

Format	Color
Hex	412029
RGB	65, 32, 41
RGB Percent	25%, 13%, 16%
CMY	0.7451, 0.8745, 0.8392
CMYK	0.00, 0.51, 0.37, 0.75
HSL	344°, 34%, 19%
HSV	344°, 51%, 25%
XYZ	3.0967, 2.3169, 2.3818
YIQ	42.8930, 16.7790, 9.7950

Conversions

Conversions Part 2

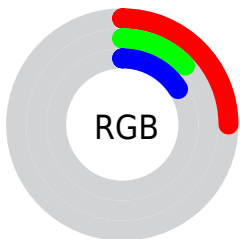
Format	Color
RYB	65, 32, 41
Decimal	4268073
CIELab	17.07, 17.15, 1.08
CIELCh	17, 17.188, 3.610
Yxy	2.3169, 0.3972, 0.2972
Android (android.graphics.Color)	4282458153 (0xFF412029)
YUV	42.8930, -0.9332, 19.3878
Hunter-Lab	15.2215, 9.6772, 1.3775

Details

The Hex color **412029** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **204138**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **724D56**, and **0C0000** is the 20% darker color. If you saturate the color by 10%, you get **411A24**, and if you desaturate by 10%, it is **41272E**.

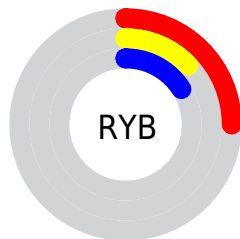
Distribution



Red (25%)

Green (13%)

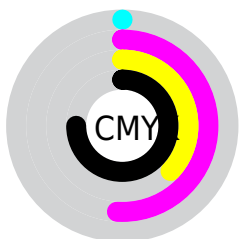
Blue (16%)



Red (25%)

Yellow (13%)

Blue (16%)

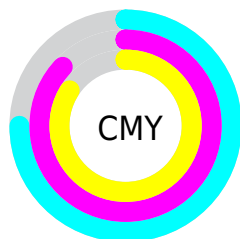


Cyan (0%)

Magenta (51%)

Yellow (37%)

Black (75%)



Cyan (75%)

Magenta (87%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 412029 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 412029 by changing the saturation by 10% instead.

■ 412029

■ 412029

FFFFFF

■ 2A0B15

■ 724D56

■ 0C0000

■ 8C656E

■ 000000

■ A77E88

■ C298A2

■ DFB3BD

■ FBCFD9

■ FFEBF5

■ 412029

■ 412029

■ 411A24

■ 41272E

■ 411320

■ 412D32

■ 410C1B

■ 413437

■ 410616

■ 413A3C

■ 410012

■ 414141

■ 414745

■ 414E4A

■ 41544F

■ 415A54

Harmonies

Analogous

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



3B2235



412029



41221D

Triad

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



412029



232D15



002E40

Complementary

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



412029



204138

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.



003037



412029



14301F

Square

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



412029



302A11



00302B



192B42

Rectangle

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



412029



3D2417



00302B



002F3E

Sweetspot

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



412029



54484B



382041



2B2426



ABABAB



2B2B2B

Same Dimension

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



412029



54212F



412720



211E1F



61001A



E0003D

Inverse Universe

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



412029



54212F



203A41



211E1F



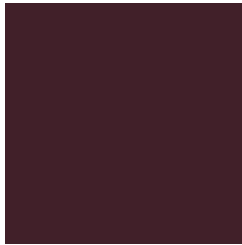
61001A



E0003D

Previews

White Background



This preview shows how the Hex color 412029 looks on a white background.

Color Contrast Check

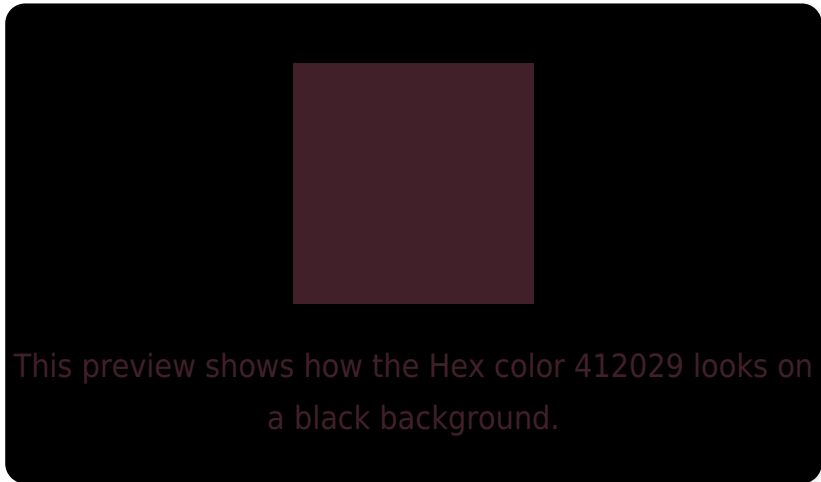
Large Text (above 18pt) WCAG AA ✓ Pass

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

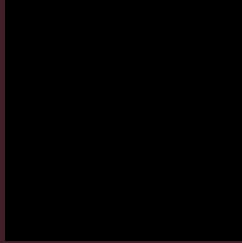
Any Text WCAG AA × Fail

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 412029 Background



This preview shows how black text looks on a background with the Hex color 412029.



This preview shows how white text looks on a background with the Hex color 412029.

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](#).

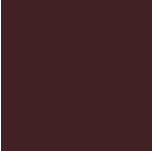
Dichromacy



Original Color
412029

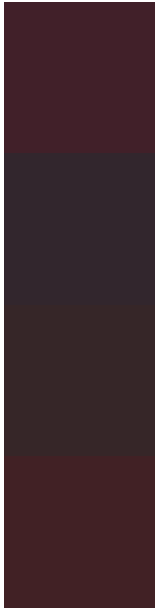
Protanopia
2A2A2F

Deuteranopia
302927



Tritanopia
412123

Trichromacy



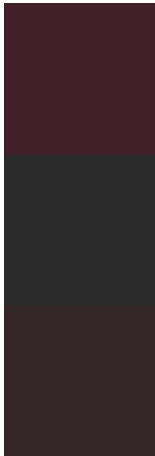
Original Color
412029

Protanomaly
32262D

Deuteranomaly
362628

Tritanomaly
412125

Monochromacy



Original Color
412029

Achromatopsia
2B2B2B

Achromatomaly
33272A

CSS Examples

Text

The CSS property to change the color of the text to Hex 412029 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 #412029 looks like.

```
.text, #text, p{  
    color:#412029  
}
```

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 #412029 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #412029
}
```

Border

The CSS property to change the border of an element to Hex 412029 is called "border". The border property can be set on classes, ids or directly on the HTML element.

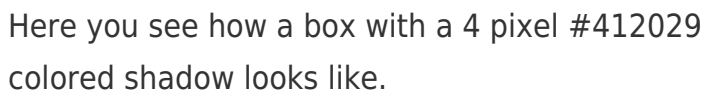
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#412029 }
```

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

```
.border{ border-color:#412029 }
```

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



Here you see how a box with a 4 pixel #412029 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #412029; -webkit-box-shadow:4px 4px  
4px 4px #412029; box-shadow:4px 4px 4px  
4px #412029 }
```

Background

The CSS property to change the background color of an element to Hex 412029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#412029 }
```

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

```
.background{ background-color:#412029 }
```

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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