

Converting Colors

Hex(412B1D)

Have a look what the booklet for
Hex(412B1D) contains.

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Color

Hex(412B1D)

Conversions

Conversions Part 1

Format	Color
Hex	412B1D
RGB	65, 43, 29
RGB Percent	25%, 17%, 11%
CMY	0.7451, 0.8314, 0.8863
CMYK	0.00, 0.34, 0.55, 0.75
HSL	23°, 38%, 18%
HSV	23°, 55%, 25%
XYZ	3.2656, 2.9403, 1.5578
YIQ	47.9820, 17.6060, 0.3100

Conversions

Conversions Part 2

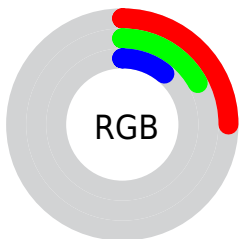
Format	Color
RYB	65, 52, 29
Decimal	4270877
CIELab	19.80, 8.22, 13.18
CIELCh	20, 15.532, 58.033
Yxy	2.9403, 0.4206, 0.3787
Android (android.graphics.Color)	4282460957 (0xFF412B1D)
YUV	47.9820, -9.3581, 14.9248
Hunter-Lab	17.1472, 3.9869, 6.6166




Details

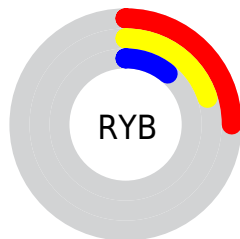
The Hex color **412B1D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1D3341**, and the grayscale version is **303030**.




A 20% lighter version of the original color is **725849**, and **120000** is the 20% darker color. If you saturate the color by 10%, you get **412716**, and if you desaturate by 10%, it is **412F24**.

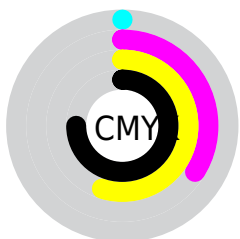
Distribution







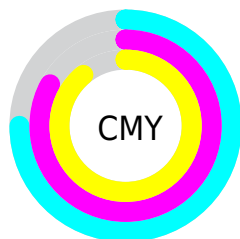
-  Red (25%)
-  Green (17%)
-  Blue (11%)






-  Red (25%)
-  Yellow (20%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (34%)
-  Yellow (55%)
-  Black (75%)



-  Cyan (75%)
-  Magenta (83%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 412B1D 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 412B1D by changing the saturation by 10% instead.

■ 412B1D

■ 412B1D

FFFFFF

■ 2B1604

■ 725849

■ 120000

■ 8C7161

■ 000000

■ A78A79

■ C3A593

■ DFC0AE

■ FCDCC9

■ FFF8E5

■ 412B1D

■ 412B1D

■ 412716

■ 412F24

■ 412310

■ 41332A

■ 411F09

■ 413731

■ 411B03

■ 413B37

■ 411900

■ 413F3D

■ 414344

■ 41474A

■ 414B51

■ 414F58

Harmonies

Analogous

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



462826



412B1D



382F19

Triad

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



412B1D



10362F



302D44

Complementary

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



412B1D



1D3341

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.



1E3146



412B1D



03363A

Square

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



412B1D



1F3524



0A3443



3D293C

Rectangle

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



412B1D



31311A



0A3443



2B2F45

Sweetspot

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



412B1D



544B46



411D33



2B2623



ABABAB



2B2B2B

Same Dimension

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



412B1D



54321D



413D1D



211F1E



612600



E05700

Inverse Universe

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



1D3341



1D3F54



1D2141



1E2021



003B61



0089E0

Previews

White Background



This preview shows how the Hex color 412B1D 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

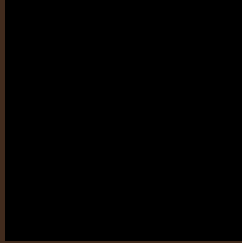
Any Text WCAG AA × Fail

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 412B1D Background



This preview shows how black text looks on a background with the Hex color 412B1D.

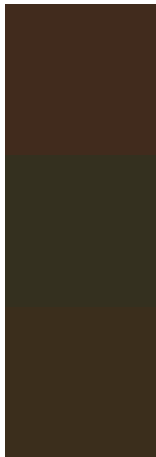


This preview shows how white text looks on a background with the Hex color 412B1D.

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
412B1D

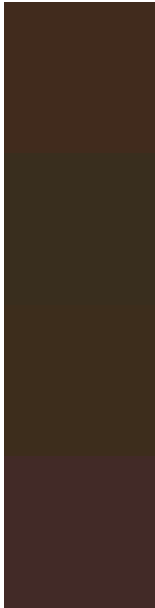
Protanopia
34301F

Deuteranopia
3B2E1C



Tritanopia
42292C

Trichromacy



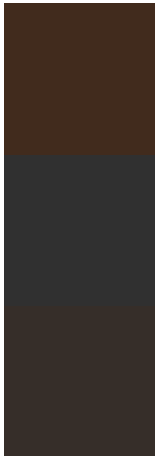
Original Color
412B1D

Protanomaly
392E1E

Deuteranomaly
3D2D1C

Tritanomaly
422A27

Monochromacy



Original Color
412B1D

Achromatopsia
303030

Achromatomaly
362E29

CSS Examples

Text

The CSS property to change the color of the text to Hex 412B1D 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 #412B1D looks like.

```
.text, #text, p{  
    color:#412B1D  
}
```

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 #412B1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #412B1D
}
```

Border

The CSS property to change the border of an element to Hex 412B1D is called "border". The border property can be set on classes, ids or directly on the HTML element.

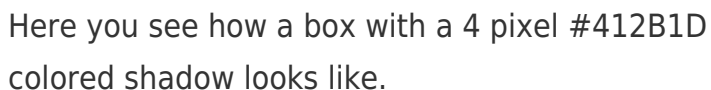
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#412B1D }
```

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

```
.border{ border-color:#412B1D }
```

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



Here you see how a box with a 4 pixel #412B1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #412B1D; -webkit-box-shadow:4px 4px  
4px 4px #412B1D; box-shadow:4px 4px 4px  
4px #412B1D }
```

Background

The CSS property to change the background color of an element to Hex 412B1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#412B1D }
```

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

```
.background{ background-color:#412B1D }
```

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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