

Converting Colors

Hex(412D0D)

Have a look what the booklet for
Hex(412D0D) contains.

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Color

Hex(412D0D)

Conversions

Conversions Part 1

Format	Color
Hex	412D0D
RGB	65, 45, 13
RGB Percent	25%, 18%, 5%
CMY	0.7451, 0.8235, 0.9490
CMYK	0.00, 0.31, 0.80, 0.75
HSL	37°, 67%, 15%
HSV	37°, 80%, 25%
XYZ	3.1910, 3.0296, 0.7974
YIQ	47.3320, 22.1920, -5.7120

Conversions

Conversions Part 2

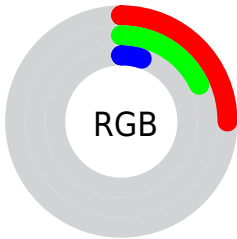
Format	Color
RYB	46, 65, 13
Decimal	4271373
CIELab	20.16, 5.43, 23.36
CIElCh	20, 23.980, 76.918
Yxy	3.0296, 0.4547, 0.4317
Android (android.graphics.Color)	4282461453 (0xFF412D0D)
YUV	47.3320, -16.9257, 15.4948
Hunter-Lab	17.4059, 2.2639, 9.4680

Details

The Hex color **412D0D** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0D2141**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **735A39**, and **0E0000** is the 20% darker color. If you saturate the color by 10%, you get **412B06**, and if you desaturate by 10%, it is **413014**.

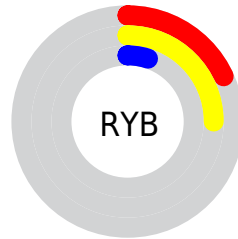
Distribution



 Red (25%)

 Green (18%)

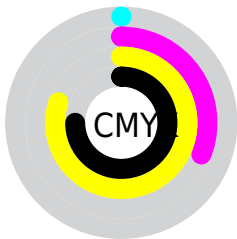
 Blue (5%)



 Red (18%)

 Yellow (25%)

 Blue (5%)

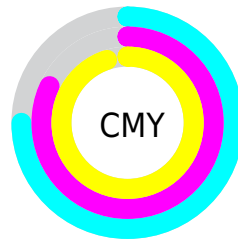


 Cyan (0%)

 Magenta (31%)

 Yellow (80%)

 Black (75%)



 Cyan (75%)

 Magenta (82%)

 Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 412D0D 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 412D0D by changing the saturation by 10% instead.

 412D0D

 412D0D

 FFFFEF

 2A1800

 735A39

 0E0000

 8E7350

 000000

 A98C68

 C5A782

 E1C29C

 FEDEB7

 FFFAD2

 412D0D

 412D0D

■ 412B06

■ 413014

■ 412800

■ 41321A

■ 413521

■ 413727

■ 41392D

■ 413C34

■ 413F3B

■ 414141

■ 414448

Harmonies

Analogous

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



4D2618



412D0D



31330D

Triad

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



412D0D



00393A



3E2849

Complementary

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



412D0D



0D2141

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.



242F52



412D0D



00384A

Square

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



412D0D



003928



003553



4D2239

Rectangle

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



412D0D



243613



003553



372A4D

Sweetspot

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



412D0D



544C40



410D22



2B271F



ABABAB



2B2B2B

Same Dimension

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



412D0D



543503



3C410D



21201E



613C00



E08A00

Inverse Universe

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



0D2141



032254



120D41



1E1F21



002561



0056E0

Previews

White Background



This preview shows how the Hex color 412D0D 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

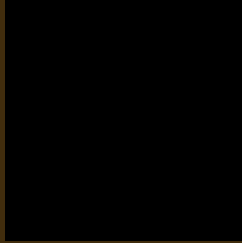
Any Text WCAG AA × Fail

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 412D0D Background



This preview shows how black text looks on a background with the Hex color 412D0D.

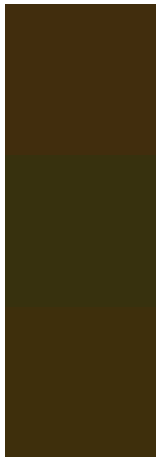


This preview shows how white text looks on a background with the Hex color 412D0D.

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](#).

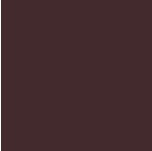
Dichromacy



Original Color
412D0D

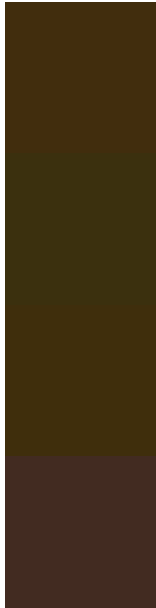
Protanopia
37310E

Deuteranopia
3E2F0C



Tritanopia
432A2D

Trichromacy



Original Color
412D0D

Protanomaly
3B300E

Deuteranomaly
3F2E0C

Tritanomaly
422B21

Monochromacy



Original Color
412D0D

Achromatopsia
2F2F2F

Achromatomaly
362E23

CSS Examples

Text

The CSS property to change the color of the text to Hex 412D0D 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 #412D0D looks like.

```
.text, #text, p{  
    color:#412D0D  
}
```

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 #412D0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #412D0D  
}
```

Border

The CSS property to change the border of an element to Hex 412D0D is called "border". The border property can be set on classes, ids or directly on the HTML element.

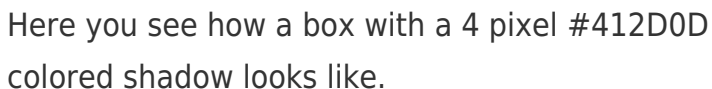
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#412D0D }
```

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

```
.border{ border-color:#412D0D }
```

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



Here you see how a box with a 4 pixel #412D0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #412D0D; -webkit-box-shadow:4px 4px  
4px 4px #412D0D; box-shadow:4px 4px 4px  
4px #412D0D }
```

Background

The CSS property to change the background color of an element to Hex 412D0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#412D0D }
```

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

```
.background{ background-color:#412D0D }
```

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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