

Converting Colors

Hex(442D00)

Have a look what the booklet for
Hex(442D00) contains.

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Color

Hex(442D00)

Conversions

Conversions Part 1

Format	Color
Hex	442D00
RGB	68, 45, 0
RGB Percent	27%, 18%, 0%
CMY	0.7333, 0.8235, 1.0000
CMYK	0.00, 0.34, 1.00, 0.73
HSL	40°, 100%, 13%
HSV	40°, 100%, 27%
XYZ	3.3223, 3.1057, 0.4244
YIQ	46.7470, 28.1530, -9.1190

Conversions

Conversions Part 2

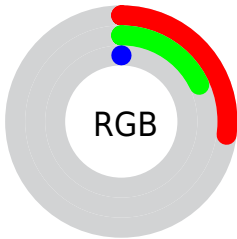
Format	Color
RYB	35, 68, 0
Decimal	4467968
CIELab	20.46, 6.32, 29.21
CIELCh	20, 29.885, 77.798
Yxy	3.1057, 0.4848, 0.4532
Android (android.graphics.Color)	4282658048 (0xFF442D00)
YUV	46.7470, -23.0463, 18.6389
Hunter-Lab	17.6230, 2.8104, 10.9084

Details

The Hex color **442D00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **001744**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **775A2F**, and **110000** is the 20% darker color. If you saturate the color by 10%, you get **442D00**, and if you desaturate by 10%, it is **442F07**.

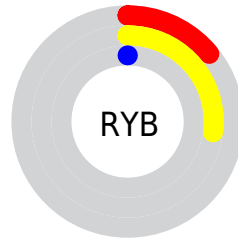
Distribution



Red (27%)

Green (18%)

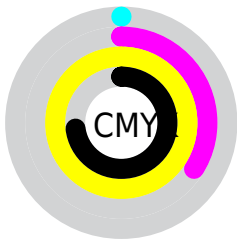
Blue (0%)



Red (14%)

Yellow (27%)

Blue (0%)

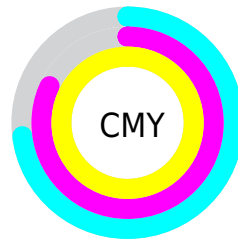


Cyan (0%)

Magenta (34%)

Yellow (100%)

Black (73%)



Cyan (73%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 442D00 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 442D00 by changing the saturation by 10% instead.

 442D00

 442D00

 FFFFE4

 2C1800

 775A2F

 110000

 927346

 000000

 AD8C5E

 CAA778

 E6C292

 FFDEAC

 FFFAC8

 442D00

■ 442F07

■ 44320E

■ 443414

■ 44361B

■ 443922

■ 443B29

■ 443D30

■ 443F36

■ 44423D

Harmonies

Analogous

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



522411



442D00



303400

Triad

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



442D00



003C3E



43264F

Complementary

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



442D00



001744

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.



1F2F5B



442D00



003A51

Square

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



442D00



003B27



00365C



541D3B

Rectangle

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



442D00



20380B



00365C



392954

Sweetspot

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



442D00



59503E



440018



2E281D



ADADAD



2E2E2E

Same Dimension

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



442D00



593B00



3A4400



21201E



614000



E09500

Inverse Universe

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



001744



001E59



0A0044



1E1F21



002161



004CE0

Previews

White Background



This preview shows how the Hex color 442D00 looks on a white background.

Color Contrast Check

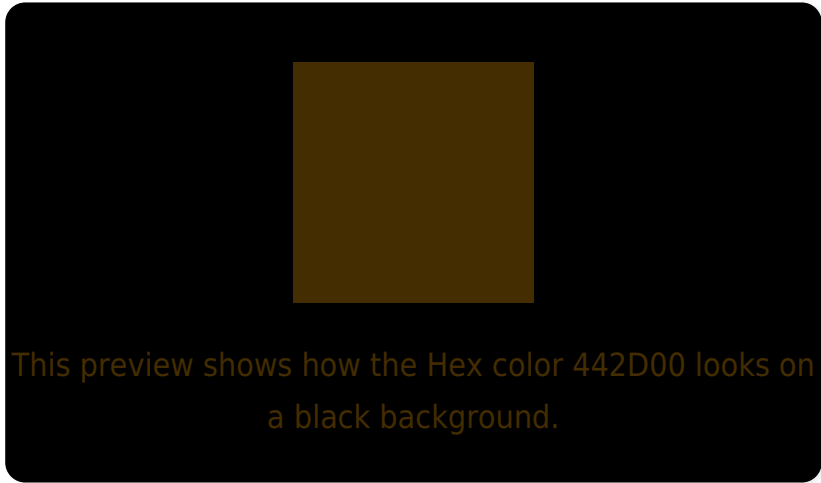
Large Text (above 18pt) WCAG AA ✓ Pass

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

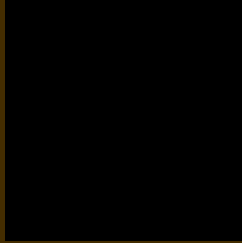
Any Text WCAG AA × Fail

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 442D00 Background



This preview shows how black text looks on a background with the Hex color 442D00.



This preview shows how white text looks on a background with the Hex color 442D00.

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
442D00

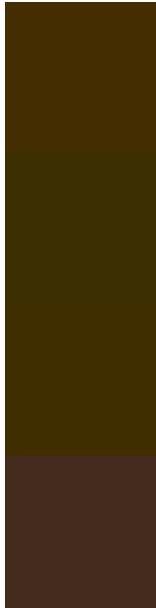
Protanopia
383205

Deuteranopia
3F2F00



Tritanopia
462A2D

Trichromacy



Original Color
442D00

Protanomaly
3C3003

Deuteranomaly
412E00

Tritanomaly
452B1D

Monochromacy



Original Color
442D00

Achromatopsia
2F2F2F

Achromatomaly
372E1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 442D00 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 #442D00 looks like.

```
.text, #text, p{  
    color:#442D00  
}
```

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 #442D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #442D00
}
```

Border

The CSS property to change the border of an element to Hex 442D00 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".

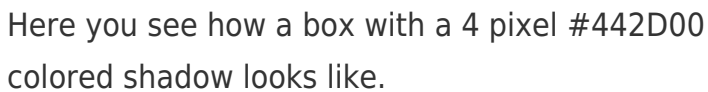
```
.border, #border, table{ border:4px solid
#442D00 }
```

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

```
.border{ border-color:#442D00 }
```

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

Here you see how a box with a 4 pixel #442D00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #442D00; -webkit-box-shadow:4px 4px  
4px 4px #442D00; box-shadow:4px 4px 4px  
4px #442D00 }
```

Background

The CSS property to change the background color of an element to Hex 442D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#442D00 }
```

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

```
.background{ background-color:#442D00 }
```

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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