

Converting Colors

Hex(442D28)

Have a look what the booklet for
Hex(442D28) contains.

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Color

Hex(442D28)

Conversions

Conversions Part 1

Format	Color
Hex	442D28
RGB	68, 45, 40
RGB Percent	27%, 18%, 16%
CMY	0.7333, 0.8235, 0.8431
CMYK	0.00, 0.34, 0.41, 0.73
HSL	11°, 26%, 21%
HSV	11°, 41%, 27%
XYZ	3.7053, 3.2589, 2.4412
YIQ	51.3070, 15.3130, 3.3210

Conversions

Conversions Part 2

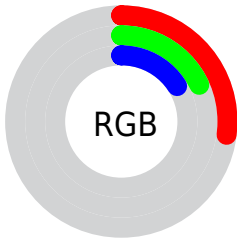
Format	Color
RYB	68, 46, 40
Decimal	4468008
CIELab	21.05, 9.83, 7.49
CIELCh	21, 12.356, 37.301
Yxy	3.2589, 0.3940, 0.3465
Android (android.graphics.Color)	4282658088 (0xFF442D28)
YUV	51.3070, -5.5744, 14.6398
Hunter-Lab	18.0525, 5.0455, 4.6190

Details

The Hex color **442D28** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **283F44**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **755B55**, and **190000** is the 20% darker color. If you saturate the color by 10%, you get **442721**, and if you desaturate by 10%, it is **44332F**.

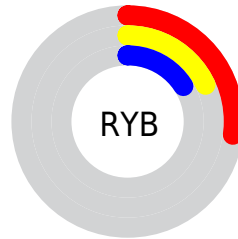
Distribution



Red (27%)

Green (18%)

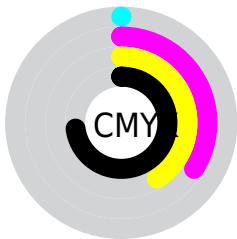
Blue (16%)



Red (27%)

Yellow (18%)

Blue (16%)

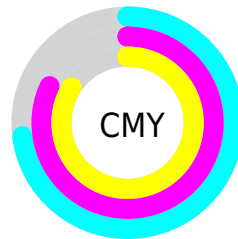


Cyan (0%)

Magenta (34%)

Yellow (41%)

Black (73%)



Cyan (73%)

Magenta (82%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 442D28 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 442D28 by changing the saturation by 10% instead.



442D28



442D28

FFFFFF



2D1814



755B55



190000



8F736D



000000



AA8D87



C5A7A1



E1C3BC



FEDFD7



FFFBF4



442D28



442D28

■ 442721

■ 44332F

■ 44221A

■ 443836

■ 441C14

■ 443E3C

■ 44170D

■ 444343

■ 441106

■ 44494A

■ 440C00

■ 444F51

■ 445458

■ 445A5E

■ 445F65

Harmonies

Analogous

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



452C31



442D28



3F3022

Triad

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



442D28



22372B



2A3344

Complementary

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



442D28



283F44

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.



1D3543



442D28



193835

Square

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



442D28



2D3524



16373D



372F41

Rectangle

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



442D28



3A3220



16373D



263445

Sweetspot

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



442D28



59504F



44283F



2E2927



ADADAD



2E2E2E

Same Dimension

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



442D28



59352E



443B28



211E1E



611100



E02800

Inverse Universe

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



283F44



2E5159



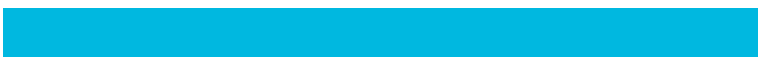
283144



1E2121



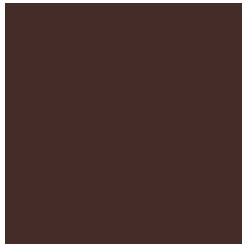
005061



00B8E0

Previews

White Background



This preview shows how the Hex color 442D28 looks on a white background.

Color Contrast Check

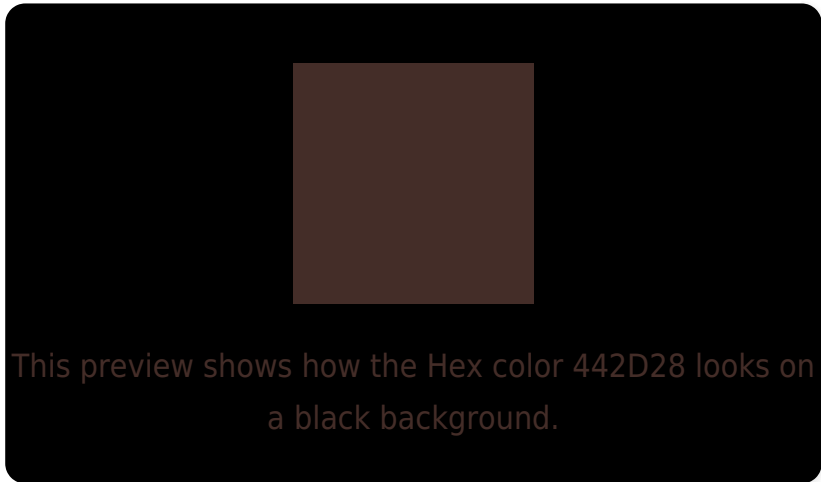
Large Text (above 18pt) WCAG AA ✓ Pass

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

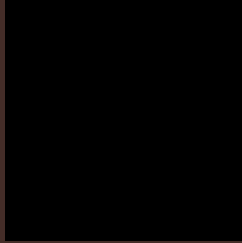
Any Text WCAG AA × Fail

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 442D28 Background



This preview shows how black text looks on a background with the Hex color 442D28.

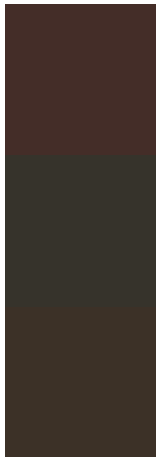


This preview shows how white text looks on a background with the Hex color 442D28.

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
442D28

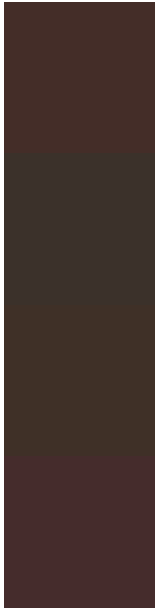
Protanopia
36332B

Deuteranopia
3C3127



Tritanopia
452C2F

Trichromacy



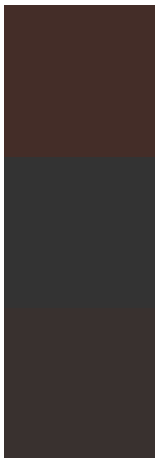
Original Color
442D28

Protanomaly
3B312A

Deuteranomaly
3F3027

Tritanomaly
452C2C

Monochromacy



Original Color
442D28

Achromatopsia
333333

Achromatomaly
39312F

CSS Examples

Text

The CSS property to change the color of the text to Hex 442D28 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 #442D28 looks like.

```
.text, #text, p{  
    color:#442D28  
}
```

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 #442D28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #442D28  
}
```

Border

The CSS property to change the border of an element to Hex 442D28 is called "border". The border property can be set on classes, ids or directly on the HTML element.

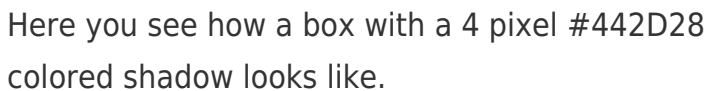
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#442D28 }
```

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

```
.border{ border-color:#442D28 }
```

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



Here you see how a box with a 4 pixel #442D28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #442D28; -webkit-box-shadow:4px 4px  
4px 4px #442D28; box-shadow:4px 4px 4px  
4px #442D28 }
```

Background

The CSS property to change the background color of an element to Hex 442D28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#442D28 }
```

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

```
.background{ background-color:#442D28 }
```

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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