

Converting Colors

Hex(442800)

Have a look what the booklet for
Hex(442800) contains.

Hex(442800)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(442800)

Conversions

Conversions Part 1

Format	Color
Hex	442800
RGB	68, 40, 0
RGB Percent	27%, 16%, 0%
CMY	0.7333, 0.8431, 1.0000
CMYK	0.00, 0.41, 1.00, 0.73
HSL	35°, 100%, 13%
HSV	35°, 100%, 27%
XYZ	3.1427, 2.7465, 0.3645
YIQ	43.8120, 29.5280, -6.5040

Conversions

Conversions Part 2

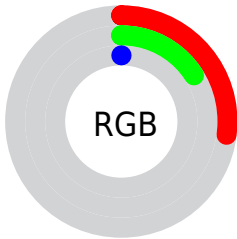
Format	Color
RYB	48, 68, 0
Decimal	4466688
CIELab	19.00, 9.62, 27.54
CIELCh	19, 29.176, 70.739
Yxy	2.7465, 0.5025, 0.4392
Android (android.graphics.Color)	4282656768 (0xFF442800)
YUV	43.8120, -21.5993, 21.2129
Hunter-Lab	16.5726, 4.8470, 10.2968

Details

The Hex color **442800** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **001C44**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **77552F**, and **0D0000** is the 20% darker color. If you saturate the color by 10%, you get **442800**, and if you desaturate by 10%, it is **442B07**.

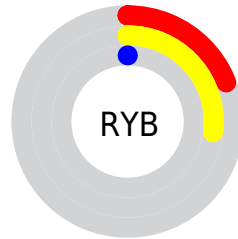
Distribution



Red (27%)

Green (16%)

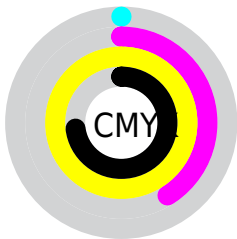
Blue (0%)



Red (19%)

Yellow (27%)

Blue (0%)

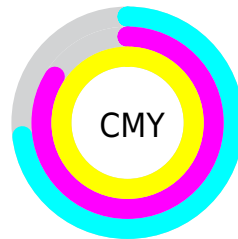


Cyan (0%)

Magenta (41%)

Yellow (100%)

Black (73%)



Cyan (73%)

Magenta (84%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 442800 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 442800 by changing the saturation by 10% instead.

 442800

 442800

 FFFFE3

 2B1400

 77552F

 0D0000

 926D46

 000000

 AE875E

 CAA177

 E7BC91

 FFD8AC

 FFF4C7

 442800

■ 442B07

■ 442E0E

■ 443014

■ 44331B

■ 443622

■ 443929

■ 443C30

■ 443E36

■ 44413D

Harmonies

Analogous

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



501F13



442800



322F00

Triad

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



442800



003835



39254E

Complementary

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



442800



001C44

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.



0D2E58



442800



003749

Square

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



442800



00371F



003456



4D1C3D

Rectangle

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



442800



233304



003456



2E2853

Sweetspot

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



442800



594E3E



44001C



2E271D



ADADAD



2E2E2E

Same Dimension

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



442800



593500



3E4400



21201E



613900



E08400

Inverse Universe

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



001C44



002559



060044



1E1F21



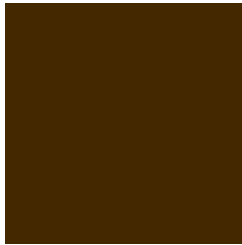
002861



005CE0

Previews

White Background



This preview shows how the Hex color 442800 looks on a white background.

Color Contrast Check

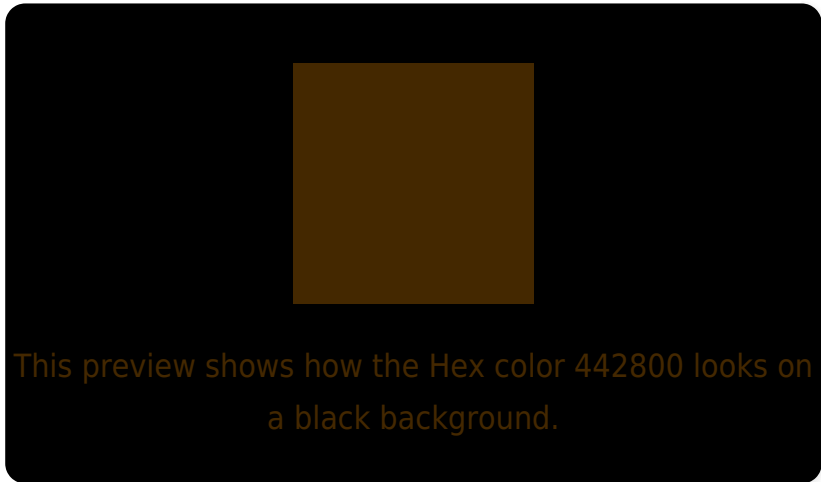
Large Text (above 18pt) WCAG AA ✓ Pass

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

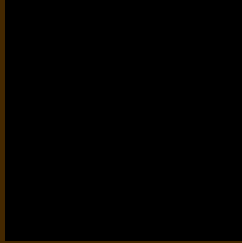
Any Text WCAG AA × Fail

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 442800 Background



This preview shows how black text looks on a background with the Hex color 442800.



This preview shows how white text looks on a background with the Hex color 442800.

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
442800

Protanopia
352F05

Deuteranopia
3B2C00



Tritanopia
452528

Trichromacy



Original Color
442800

Protanomaly
3A2C03

Deuteranomaly
3E2B00

Tritanomaly
452619

Monochromacy



Original Color
442800

Achromatopsia
2C2C2C

Achromatomaly
352B1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 442800 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 #442800 looks like.

```
.text, #text, p{  
    color:#442800  
}
```

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 #442800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #442800
}
```

Border

The CSS property to change the border of an element to Hex 442800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

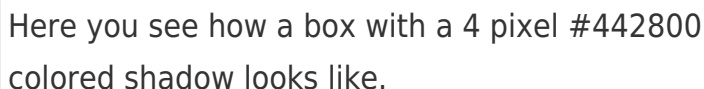
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#442800 }
```

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

```
.border{ border-color:#442800 }
```

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



Here you see how a box with a 4 pixel #442800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #442800; -webkit-box-shadow:4px 4px  
4px 4px #442800; box-shadow:4px 4px 4px  
4px #442800 }
```

Background

The CSS property to change the background color of an element to Hex 442800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#442800 }
```

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

```
.background{ background-color:#442800 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor