

Converting Colors

Hex(442B22)

Have a look what the booklet for
Hex(442B22) contains.

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Color

Hex(442B22)

Conversions

Conversions Part 1

Format	Color
Hex	442B22
RGB	68, 43, 34
RGB Percent	27%, 17%, 13%
CMY	0.7333, 0.8314, 0.8667
CMYK	0.00, 0.37, 0.50, 0.73
HSL	16°, 33%, 20%
HSV	16°, 50%, 27%
XYZ	3.5365, 3.0722, 1.9200
YIQ	49.4490, 17.7890, 2.5010

Conversions

Conversions Part 2

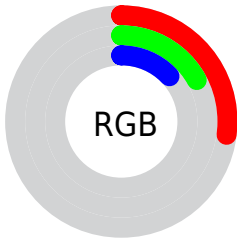
Format	Color
RYB	68, 46, 34
Decimal	4467490
CIELab	20.33, 10.32, 10.58
CIELCh	20, 14.785, 45.707
Yxy	3.0722, 0.4147, 0.3602
Android (android.graphics.Color)	4282657570 (0xFF442B22)
YUV	49.4490, -7.6164, 16.2692
Hunter-Lab	17.5277, 5.3420, 5.7748

Details

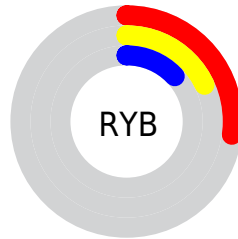
The Hex color **442B22** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **223B44**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **76594E**, and **170000** is the 20% darker color. If you saturate the color by 10%, you get **44261B**, and if you desaturate by 10%, it is **443029**.

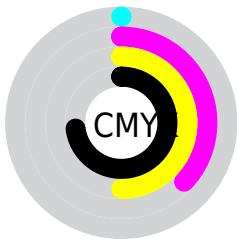
Distribution



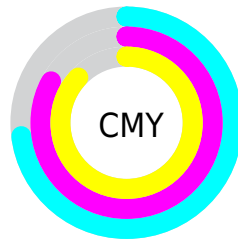
- Red (27%)
- Green (17%)
- Blue (13%)



- Red (27%)
- Yellow (18%)
- Blue (13%)



- Cyan (0%)
- Magenta (37%)
- Yellow (50%)
- Black (73%)



- Cyan (73%)
- Magenta (83%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 442B22 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 442B22 by changing the saturation by 10% instead.

 442B22

 442B22

FFFFFF

 2D160C

 76594E

 170000

 907166

 000000

 AA8B7F

 C6A599

 E2C0B4

 FFD0D0

 FFF9EC

 442B22

 442B22

■ 44261B

■ 443029

■ 442114

■ 443530

■ 441C0E

■ 443A36

■ 441707

■ 443F3D

■ 441200

■ 444444

■ 44494B

■ 444E52

■ 445358

■ 44585F

Harmonies

Analogous

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



46292C



442B22



3D2F1C

Triad

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



442B22



19372B



2B3046

Complementary

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



442B22



223B44

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.



193446



442B22



0C3736

Square

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



442B22



263522



0B3640



392C40

Rectangle

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



442B22



36311B



0B3640



253146

Sweetspot

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



442B22



594F4C



44223C



2E2826



ADADAD



2E2E2E

Same Dimension

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



442B22



593224



443C22



211F1E



611A00



E03B00

Inverse Universe

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



223B44



244B59



222B44



1E2021



004761



00A5E0

Previews

White Background



This preview shows how the Hex color 442B22 looks on a white background.

Color Contrast Check

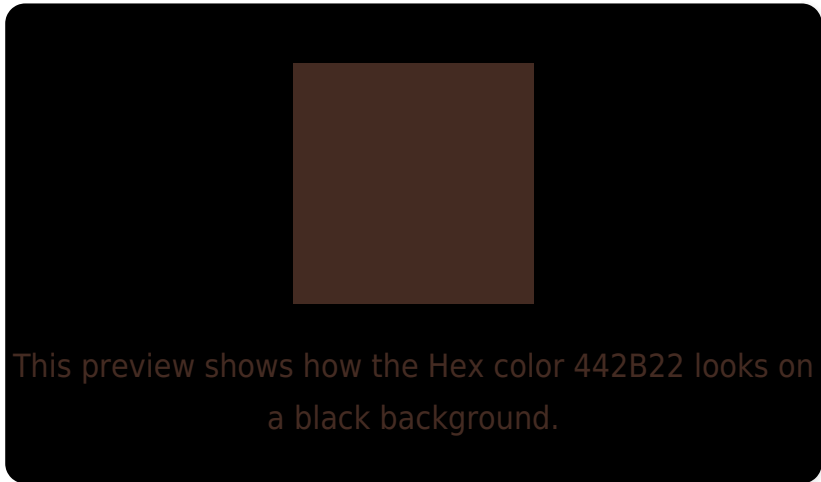
Large Text (above 18pt) WCAG AA ✓ Pass

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

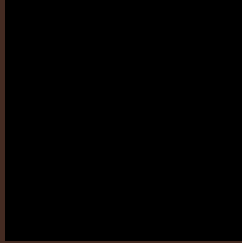
Any Text WCAG AA × Fail

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 442B22 Background



This preview shows how black text looks on a background with the Hex color 442B22.

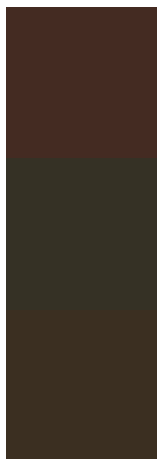


This preview shows how white text looks on a background with the Hex color 442B22.

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

442B22

Protanopia

353125

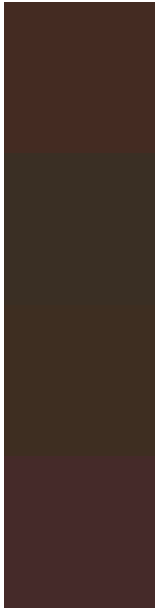
Deuteranopia

3B2F21



Tritanopia
452A2D

Trichromacy



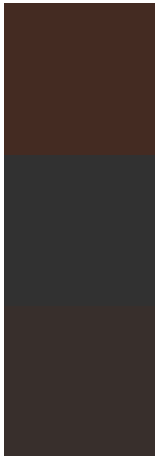
Original Color
442B22

Protanomaly
3A2F24

Deuteranomaly
3E2E21

Tritanomaly
452A29

Monochromacy



Original Color
442B22

Achromatopsia
313131

Achromatomaly
382F2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 442B22 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 #442B22 looks like.

```
.text, #text, p{  
    color:#442B22  
}
```

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 #442B22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #442B22
}
```

Border

The CSS property to change the border of an element to Hex 442B22 is called "border". The border property can be set on classes, ids or directly on the HTML element.

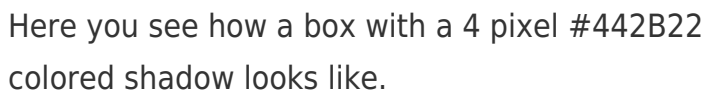
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#442B22 }
```

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

```
.border{ border-color:#442B22 }
```

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



Here you see how a box with a 4 pixel #442B22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #442B22; -webkit-box-shadow:4px 4px  
4px 4px #442B22; box-shadow:4px 4px 4px  
4px #442B22 }
```

Background

The CSS property to change the background color of an element to Hex 442B22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#442B22 }
```

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

```
.background{ background-color:#442B22 }
```

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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