

Converting Colors

Hex(442200)

Have a look what the booklet for
Hex(442200) contains.

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Color

Hex(442200)

Conversions

Conversions Part 1

Format	Color
Hex	442200
RGB	68, 34, 0
RGB Percent	27%, 13%, 0%
CMY	0.7333, 0.8667, 1.0000
CMYK	0.00, 0.50, 1.00, 0.73
HSL	30°, 100%, 13%
HSV	30°, 100%, 27%
XYZ	2.9559, 2.3730, 0.3022
YIQ	40.2900, 31.1780, -3.3660

Conversions

Conversions Part 2

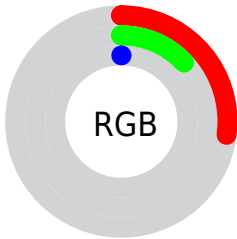
Format	Color
RYB	68, 68, 0
Decimal	4465152
CIELab	17.33, 13.56, 25.56
CIELCh	17, 28.935, 62.065
Yxy	2.3730, 0.5249, 0.4214
Android (android.graphics.Color)	4282655232 (0xFF442200)
YUV	40.2900, -19.8630, 24.3017
Hunter-Lab	15.4045, 7.2938, 9.6199

Details

The Hex color **442200** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002244**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **784F2F**, and **050000** is the 20% darker color. If you saturate the color by 10%, you get **442200**, and if you desaturate by 10%, it is **442507**.

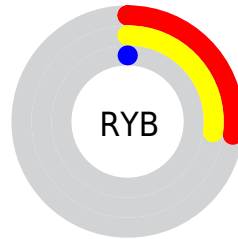
Distribution



Red (27%)

Green (13%)

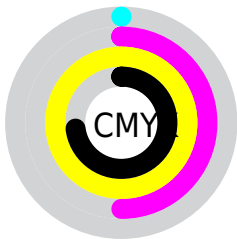
Blue (0%)



Red (27%)

Yellow (27%)

Blue (0%)

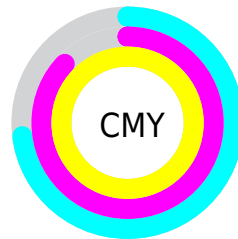


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (73%)



Cyan (73%)

Magenta (87%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 442200 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 442200 by changing the saturation by 10% instead.

 442200

 442200

 FFFFE3

 2B0E00

 784F2F

 050000

 936746

 000000

 AE805E

 CB9A77

 E8B590

 FFD0AB

 FFEDC7

 442200

■ 442507

■ 44290E

■ 442C14

■ 44301B

■ 443322

■ 443629

■ 443A30

■ 443D36

■ 44413D

Harmonies

Analogous

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



4E1916



442200



342A00

Triad

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



442200



00342B



2C244E

Complementary

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



442200



002244

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.



002D54



442200



003440

Square

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



442200



003316



00324F



451B3E

Rectangle

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



442200



272E00



00324F



1F2751

Sweetspot

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



442200



594C3E



440022



2E261D



ADADAD



2E2E2E

Same Dimension

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



442200



592D00



444400



211F1E



613000



E07000

Inverse Universe

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



002244



002D59



000044



1E1F21



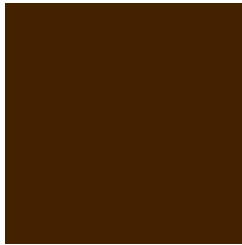
003061



0070E0

Previews

White Background



This preview shows how the Hex color 442200 looks on a white background.

Color Contrast Check

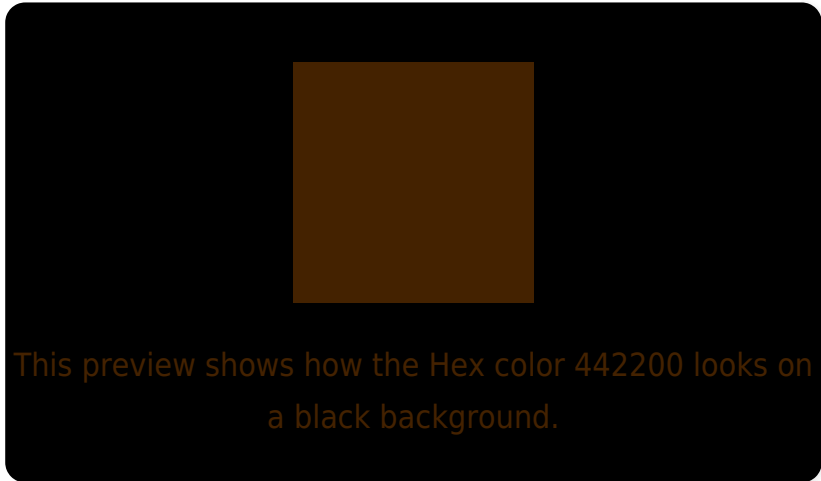
Large Text (above 18pt) WCAG AA ✓ Pass

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

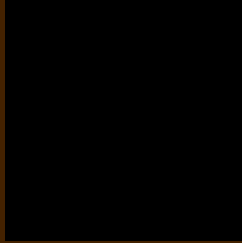
Any Text WCAG AA × Fail

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 442200 Background



This preview shows how black text looks on a background with the Hex color 442200.



This preview shows how white text looks on a background with the Hex color 442200.

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
442200

Protanopia
312C06

Deuteranopia
372900

Trichromacy



Original Color
442200

Protanomaly
382804

Deuteranomaly
3C2600

Tritanomaly
452116

Monochromacy



Original Color
442200

Achromatopsia
282828

Achromatomaly
322619

CSS Examples

Text

The CSS property to change the color of the text to Hex 442200 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 #442200 looks like.

```
.text, #text, p{  
    color:#442200  
}
```

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 #442200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #442200
}
```

Border

The CSS property to change the border of an element to Hex 442200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

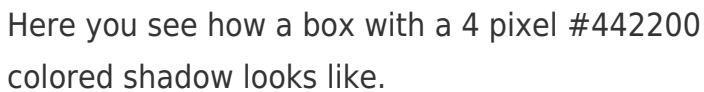
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#442200 }
```

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

```
.border{ border-color:#442200 }
```

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



Here you see how a box with a 4 pixel #442200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #442200; -webkit-box-shadow:4px 4px  
4px 4px #442200; box-shadow:4px 4px 4px  
4px #442200 }
```

Background

The CSS property to change the background color of an element to Hex 442200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#442200 }
```

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

```
.background{ background-color:#442200 }
```

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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