

Converting Colors

Hex(462200)

Have a look what the booklet for
Hex(462200) contains.

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Color

Hex(462200)

Conversions

Conversions Part 1

Format	Color
Hex	462200
RGB	70, 34, 0
RGB Percent	27%, 13%, 0%
CMY	0.7255, 0.8667, 1.0000
CMYK	0.00, 0.51, 1.00, 0.73
HSL	29°, 100%, 14%
HSV	29°, 100%, 27%
XYZ	3.0978, 2.4461, 0.3089
YIQ	40.8880, 32.3700, -2.9420

Conversions

Conversions Part 2

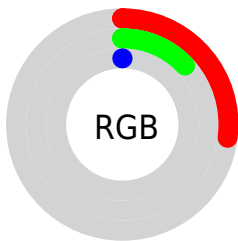
Format	Color
RYB	70, 66, 0
Decimal	4596224
CIELab	17.67, 14.57, 26.05
CIELCh	18, 29.851, 60.784
Yxy	2.4461, 0.5293, 0.4179
Android (android.graphics.Color)	4282786304 (0xFF462200)
YUV	40.8880, -20.1578, 25.5312
Hunter-Lab	15.6402, 7.9849, 9.7772

Details

The Hex color **462200** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002446**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **7A4F2F**, and **0C0000** is the 20% darker color. If you saturate the color by 10%, you get **462200**, and if you desaturate by 10%, it is **462607**.

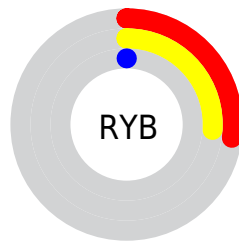
Distribution



Red (27%)

Green (13%)

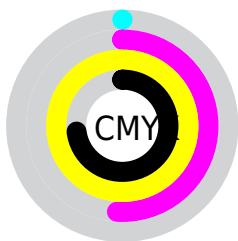
Blue (0%)



Red (27%)

Yellow (26%)

Blue (0%)

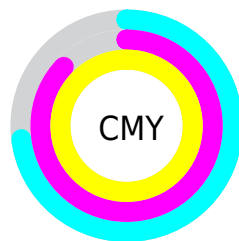


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (73%)



Cyan (73%)

Magenta (87%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 462200 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 462200 by changing the saturation by 10% instead.

 462200

 462200

 FFFFE3

 2D0E00

 7A4F2F

 0C0000

 956746

 000000

 B1805E

 CD9A77

 EAB591

 FFD1AB

 FFEDC7

 462200

■ 462607

■ 46290E

■ 462D15

■ 46301C

■ 463423

■ 46382A

■ 463B31

■ 463F38

■ 46423F

Harmonies

Analogous

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



501917



462200



362A00

Triad

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



462200



00352B



2B2550

Complementary

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



462200



002446

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.



002E56



462200



003541

Square

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



462200



003415



003351



451B41

Rectangle

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



462200



282F00



003351



1D2854

Sweetspot

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



462200



5C4E40



460024



2E251D



ADADAD



2E2E2E

Same Dimension

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



462200



5C2D00



464500



242220



633000



E36E00

Inverse Universe

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



002446



002F5C



000146



202224



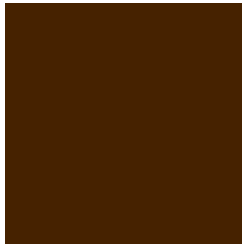
003363



0075E3

Previews

White Background



This preview shows how the Hex color 462200 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

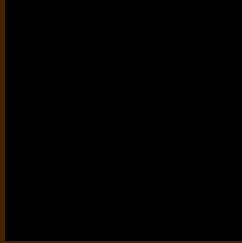
Any Text WCAG AA × Fail

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 462200 Background



This preview shows how black text looks on a background with the Hex color 462200.

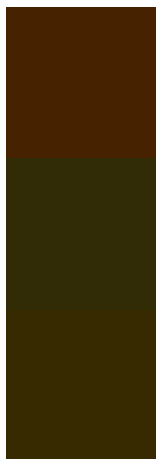


This preview shows how white text looks on a background with the Hex color 462200.

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
462200

Protanopia
322C06

Deuteranopia
382A00

Trichromacy



Original Color
462200

Protanomaly
392804

Deuteranomaly
3D2700

Tritanomaly
472116

Monochromacy



Original Color
462200

Achromatopsia
292929

Achromatomaly
34261A

CSS Examples

Text

The CSS property to change the color of the text to Hex 462200 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 #462200 looks like.

```
.text, #text, p{  
    color:#462200  
}
```

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 #462200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #462200  
}
```

Border

The CSS property to change the border of an element to Hex 462200 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  
#462200 }
```

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

```
.border{ border-color:#462200 }
```

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

Here you see how a box with a 4 pixel #462200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #462200; -webkit-box-shadow:4px 4px  
4px 4px #462200; box-shadow:4px 4px 4px  
4px #462200 }
```

Background

The CSS property to change the background color of an element to Hex 462200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#462200 }
```

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

```
.background{ background-color:#462200 }
```

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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