

Converting Colors

Hex(4A4C22)

Have a look what the booklet for
Hex(4A4C22) contains.

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Color

Hex(4A4C22)

Conversions

Conversions Part 1

Format	Color
Hex	4A4C22
RGB	74, 76, 34
RGB Percent	29%, 30%, 13%
CMY	0.7098, 0.7020, 0.8667
CMYK	0.03, 0.00, 0.55, 0.70
HSL	63°, 38%, 22%
HSV	63°, 55%, 30%
XYZ	5.6972, 6.7402, 2.5141
YIQ	70.6140, 12.2900, -13.4860

Conversions

Conversions Part 2

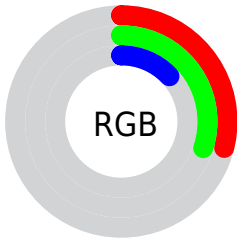
Format	Color
R_{YB}	34, 76, 36
Decimal	4869154
CIE Lab	31.21, -7.80, 24.44
CIE LCh	31, 25.657, 107.707
Yxy	6.7402, 0.3810, 0.4508
Android (android.graphics.Color)	4283059234 (0xFF4A4C22)
YUV	70.6140, -18.0507, 2.9695
Hunter-Lab	25.9619, -6.2625, 12.4319

Details

The Hex color **4A4C22** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **24224C**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7C7D50**, and **1D2000** is the 20% darker color. If you saturate the color by 10%, you get **4A4C1A**, and if you desaturate by 10%, it is **4A4C2A**.

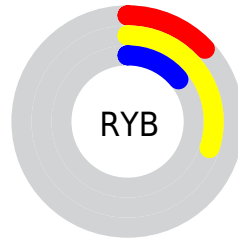
Distribution



Red (29%)

Green (30%)

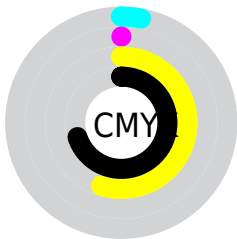
Blue (13%)



Red (13%)

Yellow (30%)

Blue (14%)

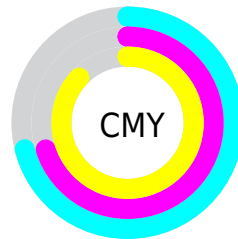


Cyan (3%)

Magenta (0%)

Yellow (55%)

Black (70%)



Cyan (71%)

Magenta (70%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A4C22 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 4A4C22 by changing the saturation by 10% instead.



4A4C22



4A4C22

FFFFFF



33350C



7C7D50



1D2000



969768



000800



B1B182



000000



CDCD9C



E9E9B7



FFFFD3



FFFFEF



4A4C22



4A4C22

■ 4A4C1A

■ 4A4C2A

■ 494C13

■ 4B4C31

■ 494C0B

■ 4B4C39

■ 494C04

■ 4B4C40

■ 484C00

■ 4C4C48

■ 4C4C50

■ 4D4C57

■ 4D4C5F

■ 4D4C66

Harmonies

Analogous

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



5D4522



4A4C22



33512E

Triad

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



4A4C22



005267



6B3A53

Complementary

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



4A4C22



24224C

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.



5A4065



4A4C22



124E70

Square

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



4A4C22



005455



3E4770



70393E

Rectangle

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



4A4C22



20533A



3E4770



663B59

Sweetspot

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



4A4C22



636353



4C2322



333329



B3B3B3



333333

Same Dimension

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



4A4C22



606322



364C22



262622



616600



DBE600

Inverse Universe

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



24224C



252263



38224C



232226



050066



0B00E6

Previews

White Background



This preview shows how the Hex color 4A4C22 looks on a white background.

Color Contrast Check

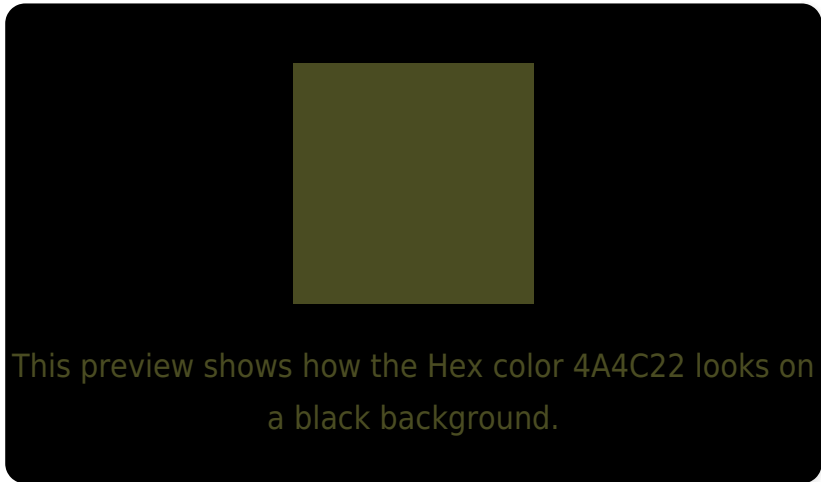
Large Text (above 18pt) WCAG AA ✓ Pass

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

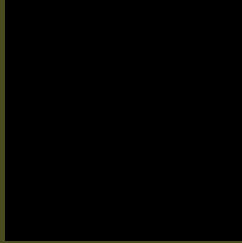
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

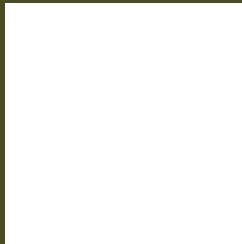
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4A4C22 Background



This preview shows how black text looks on a background with the Hex color 4A4C22.



This preview shows how white text looks on a background with the Hex color 4A4C22.

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](#).

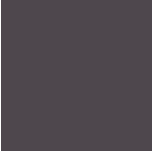
Dichromacy



Original Color
4A4C22

Protanopia
524A21

Deuteranopia
5B4624



Tritanopia
4E474D

Trichromacy



Original Color
4A4C22

Protanomaly
4F4B21

Deuteranomaly
554823

Tritanomaly
4D493D

Monochromacy



Original Color
4A4C22

Achromatopsia
474747

Achromatomaly
48493A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A4C22 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 #4A4C22 looks like.

```
.text, #text, p{  
    color:#4A4C22  
}
```

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 #4A4C22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4C22
}
```

Border

The CSS property to change the border of an element to Hex 4A4C22 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".

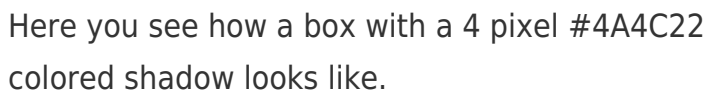
```
.border, #border, table{ border:4px solid
#4A4C22 }
```

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

```
.border{ border-color:#4A4C22 }
```

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

Here you see how a box with a 4 pixel #4A4C22 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4C22; -webkit-box-shadow:4px 4px  
4px 4px #4A4C22; box-shadow:4px 4px 4px  
4px #4A4C22 }
```

Background

The CSS property to change the background color of an element to Hex 4A4C22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4C22 }
```

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

```
.background{ background-color:#4A4C22 }
```

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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