

Converting Colors

Hex(424A22)

Have a look what the booklet for
Hex(424A22) contains.

Hex(424A22)	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(424A22)

Conversions

Conversions Part 1

Format	Color
Hex	424A22
RGB	66, 74, 34
RGB Percent	26%, 29%, 13%
CMY	0.7412, 0.7098, 0.8667
CMYK	0.11, 0.00, 0.54, 0.71
HSL	72°, 37%, 21%
HSV	72°, 54%, 29%
XYZ	4.9843, 6.1713, 2.4419
YIQ	67.0480, 8.0720, -14.1360

Conversions

Conversions Part 2

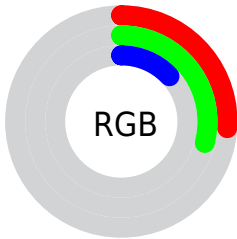
Format	Color
RYB	34, 74, 42
Decimal	4344354
CIELab	29.84, -10.44, 22.63
CIElCh	30, 24.926, 114.757
Yxy	6.1713, 0.3666, 0.4539
Android (android.graphics.Color)	4282534434 (0xFF424A22)
YUV	67.0480, -16.2927, -0.9191
Hunter-Lab	24.8421, -7.6597, 11.5616

Details

The Hex color **424A22** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2A224A**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **737B50**, and **171E00** is the 20% darker color. If you saturate the color by 10%, you get **414A1B**, and if you desaturate by 10%, it is **434A29**.

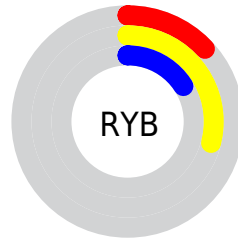
Distribution



Red (26%)

Green (29%)

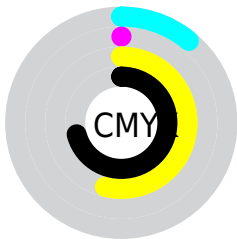
Blue (13%)



Red (13%)

Yellow (29%)

Blue (16%)

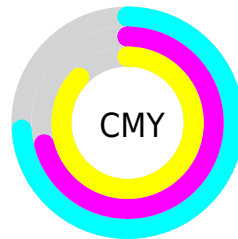


Cyan (11%)

Magenta (0%)

Yellow (54%)

Black (71%)



Cyan (74%)

Magenta (71%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 424A22 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 424A22 by changing the saturation by 10% instead.



424A22



424A22

FFFFFF



2B330C



737B50



171E00



8D9468



000000



A7AF81



C3CA9B



DFE7B6



FCFFD2



FFFFEf



424A22



424A22

■ 414A1B

■ 434A29

■ 3F4A13

■ 454A31

■ 3E4A0C

■ 464A38

■ 3C4A04

■ 484A40

■ 3B4A00

■ 494A47

■ 4B4A4E

■ 4C4A56

■ 4E4A5D

■ 4F4A65

Harmonies

Analogous

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



55441F



424A22



2B4E2F

Triad

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



424A22



004E65



68374A

Complementary

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



424A22



2A224A

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.



5B3B5D



424A22



1E496D

Square

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



424A22



005056



434369



6B3837

Rectangle

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



424A22



16503B



434369



653851

Sweetspot

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



424A22



5E6151



4A2A22



2F3027



B0B0B0



303030

Same Dimension

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



424A22



546122



2E4A22



252622



526600



B8E600

Inverse Universe

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



2A224A



2F2261



3E224A



232226



140066



2E00E6

Previews

White Background



This preview shows how the Hex color 424A22 looks on a white background.

Color Contrast Check

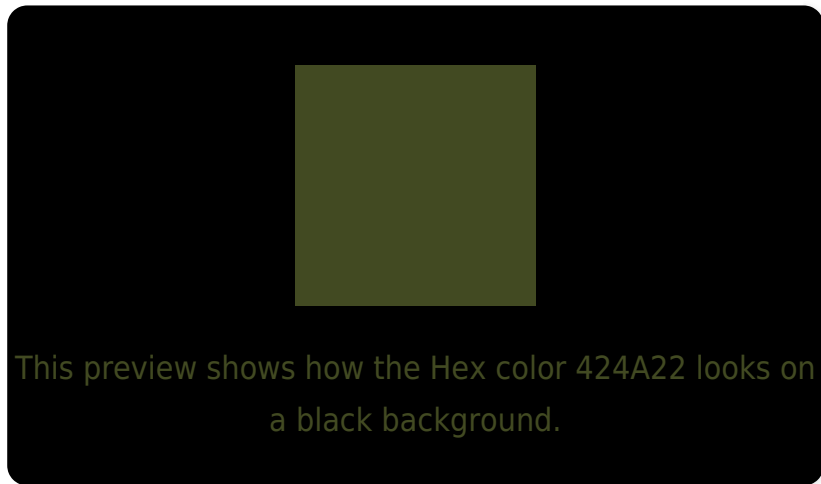
Large Text (above 18pt) WCAG AA ✓ Pass

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

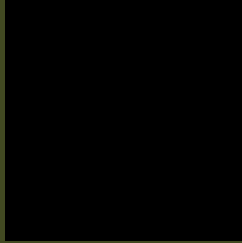
Any Text WCAG AA × Fail

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 424A22 Background



This preview shows how black text looks on a background with the Hex color 424A22.



This preview shows how white text looks on a background with the Hex color 424A22.

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
424A22

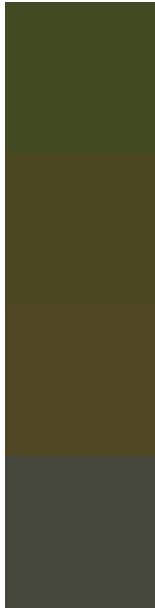
Protanopia
4E621

Deuteranopia
564324



Tritanopia
47464B

Trichromacy



Original Color
424A22

Protanomaly
4A4721

Deuteranomaly
4F4623

Tritanomaly
45473C

Monochromacy



Original Color
424A22

Achromatopsia
434343

Achromatomaly
434637

CSS Examples

Text

The CSS property to change the color of the text to Hex 424A22 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 #424A22 looks like.

```
.text, #text, p{  
    color:#424A22  
}
```

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 #424A22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #424A22
}
```

Border

The CSS property to change the border of an element to Hex 424A22 is called "border". The border property can be set on classes, ids or directly on the HTML element.

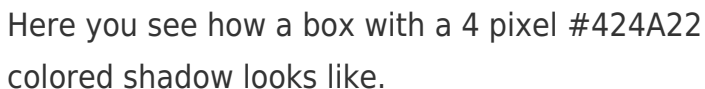
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#424A22 }
```

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

```
.border{ border-color:#424A22 }
```

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



Here you see how a box with a 4 pixel #424A22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #424A22; -webkit-box-shadow:4px 4px  
4px 4px #424A22; box-shadow:4px 4px 4px  
4px #424A22 }
```

Background

The CSS property to change the background color of an element to Hex 424A22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#424A22 }
```

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

```
.background{ background-color:#424A22 }
```

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