

Converting Colors

Hex(424228)

Have a look what the booklet for
Hex(424228) contains.

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Color

Hex(424228)

Conversions

Conversions Part 1

Format	Color
Hex	424228
RGB	66, 66, 40
RGB Percent	26%, 26%, 16%
CMY	0.7412, 0.7412, 0.8431
CMYK	0.00, 0.00, 0.39, 0.74
HSL	60°, 25%, 21%
HSV	60°, 39%, 26%
XYZ	4.5780, 5.2079, 2.7714
YIQ	63.0360, 8.3460, -8.0860

Conversions

Conversions Part 2

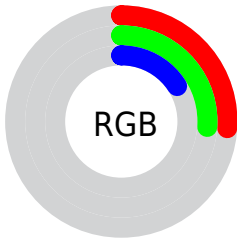
Format	Color
RYB	40, 66, 40
Decimal	4342312
CIELab	27.32, -4.80, 15.86
CIELCh	27, 16.567, 106.839
Yxy	5.2079, 0.3646, 0.4147
Android (android.graphics.Color)	4282532392 (0xFF424228)
YUV	63.0360, -11.3567, 2.5994
Hunter-Lab	22.8208, -4.1282, 8.7742

Details

The Hex color **424228** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **282842**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **727255**, and **171800** is the 20% darker color. If you saturate the color by 10%, you get **424221**, and if you desaturate by 10%, it is **42422F**.

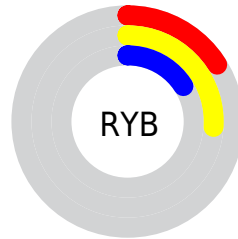
Distribution



Red (26%)

Green (26%)

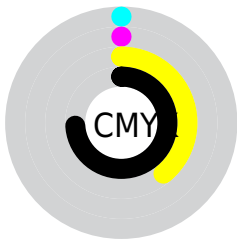
Blue (16%)



Red (16%)

Yellow (26%)

Blue (16%)

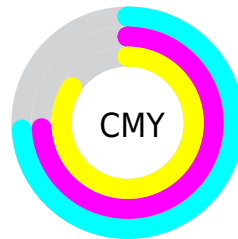


Cyan (0%)

Magenta (0%)

Yellow (39%)

Black (74%)



Cyan (74%)

Magenta (74%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 424228 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 424228 by changing the saturation by 10% instead.



424228



424228

FFFFFF



2B2C13



727255



171800



8C8B6E



000000



A7A687



C2C1A2



DEDDBD



FBF9D8



FFFFFF5



424228



424228

■ 424221

■ 42422F

■ 42421B

■ 424235

■ 424214

■ 42423C

■ 42420E

■ 424242

■ 424207

■ 424249

■ 424200

■ 424250

■ 424256

■ 42425D

■ 424263

Harmonies

Analogous

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



4E3E28



424228



34452F

Triad

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



424228



174653



563847

Complementary

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



424228



282842

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.



4B3B52



424228



274359

Square

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



424228



174747



3A3F59



5A373A

Rectangle

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



424228



2A4736



3A3F59



53384B

Sweetspot

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



424228



57574C



422828



2B2B25



ABABAB



2B2B2B

Same Dimension

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



424228



57572E



354228



21211E



616100



E0E000

Inverse Universe

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



282842



2E2E57



352842



1E1E21



000061



0000E0

Previews

White Background



This preview shows how the Hex color 424228 looks on a white background.

Color Contrast Check

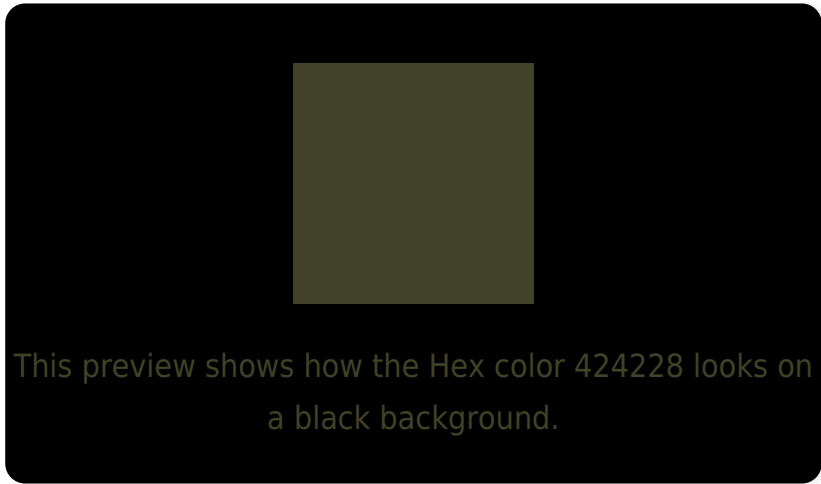
Large Text (above 18pt) WCAG AA ✓ Pass

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

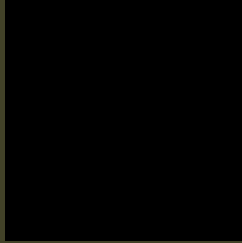
Any Text WCAG AA × Fail

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 424228 Background



This preview shows how black text looks on a background with the Hex color 424228.

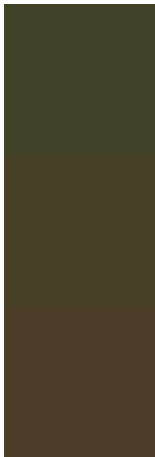


This preview shows how white text looks on a background with the Hex color 424228.

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
424228

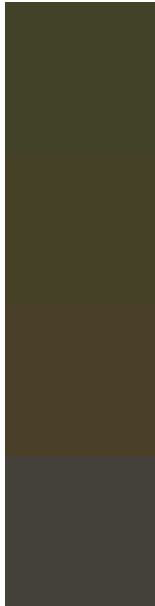
Protanopia
464127

Deuteranopia
4E3E29



Tritanopia
453F44

Trichromacy



Original Color
424228

Protanomaly
454127

Deuteranomaly
4A3F29

Tritanomaly
44403A

Monochromacy



Original Color
424228

Achromatopsia
3F3F3F

Achromatomaly
404037

CSS Examples

Text

The CSS property to change the color of the text to Hex 424228 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 #424228 looks like.

```
.text, #text, p{  
    color:#424228  
}
```

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 #424228 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #424228
}
```

Border

The CSS property to change the border of an element to Hex 424228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

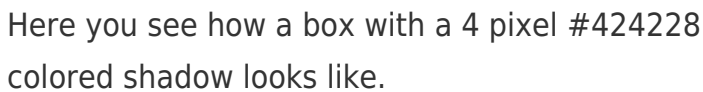
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#424228 }
```

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

```
.border{ border-color:#424228 }
```

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



Here you see how a box with a 4 pixel #424228 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #424228; -webkit-box-shadow:4px 4px  
4px 4px #424228; box-shadow:4px 4px 4px  
4px #424228 }
```

Background

The CSS property to change the background color of an element to Hex 424228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#424228 }
```

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

```
.background{ background-color:#424228 }
```

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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