

# Converting Colors

Hex(42412C)

Have a look what the booklet for  
Hex(42412C) contains.

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# Color

Hex(42412C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	42412C
RGB	66, 65, 44
RGB Percent	26%, 25%, 17%
CMY	0.7412, 0.7451, 0.8275
CMYK	0.00, 0.02, 0.33, 0.74
HSL	57°, 20%, 22%
HSV	57°, 33%, 26%
XYZ	4.5917, 5.1207, 3.1293
YIQ	62.9050, 7.3370, -6.3190

# Conversions

## Conversions Part 2

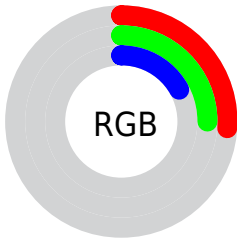
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 66, 44
Decimal	4342060
CIELab	27.08, -3.57, 13.01
CIElCh	27, 13.488, 105.348
Yxy	5.1207, 0.3576, 0.3988
Android (android.graphics.Color)	4282532140 (0xFF42412C)
YUV	62.9050, -9.3202, 2.7143
Hunter-Lab	22.6289, -3.3809, 7.6413

# Details

The Hex color **42412C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2C2D42**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **72715A**, and **181700** is the 20% darker color. If you saturate the color by 10%, you get **424125**, and if you desaturate by 10%, it is **424133**.

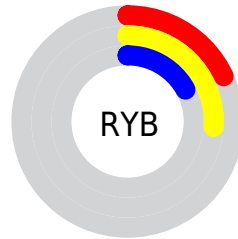
# Distribution



Red (26%)

Green (25%)

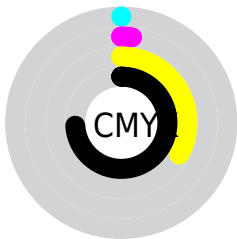
Blue (17%)



Red (18%)

Yellow (26%)

Blue (17%)

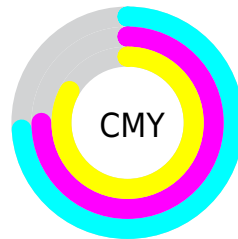


Cyan (0%)

Magenta (2%)

Yellow (33%)

Black (74%)



Cyan (74%)

Magenta (75%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 42412C 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 42412C by changing the saturation by 10% instead.





42412C



42412C

FFFFFF



2C2B17



72715A



181700



8C8A72



000000



A6A48C



C2BFA6



DEDBC1



FAF8DD



FFFFFFA



42412C



42412C

■ 424125

■ 424133

■ 42401F

■ 424239

■ 424018

■ 424240

■ 424012

■ 424246

■ 423F0B

■ 42434D

■ 423F04

■ 424354

■ 423F00

■ 42435A

■ 424361

■ 424467

# Harmonies

## Analogous

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



4C3E2C



42412C



364431

# Triad

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



42412C



22454E



513945

# Complementary

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



42412C



2C2D42

# 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.



483C4F



42412C



2C4254

# Square

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



42412C



224645



3B3F54



55393B

# Rectangle

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



42412C



2E4537



3B3F54



4F3A49



# Sweetspot

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



42412C



57564E



422C2D



2B2B26



ABABAB



2B2B2B



# Same Dimension

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



42412C



575534



38422C



21211E



615C00



E0D600



# Inverse Universe

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



2C2D42



343657



362C42



1E1E21



000461



000AE0



# Previews

## White Background



This preview shows how the Hex color 42412C looks on a white background.

## Color Contrast Check

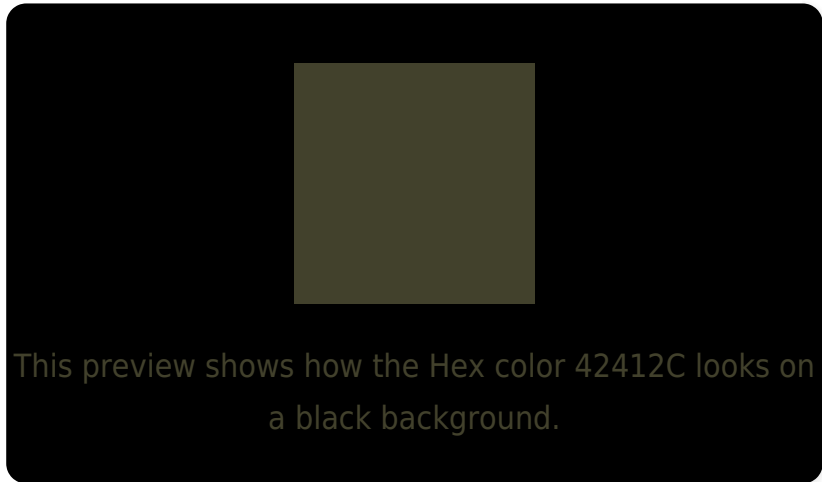
Large Text (above 18pt) WCAG AA ✓ Pass

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

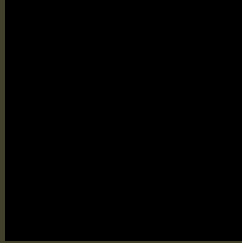
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 42412C Background



This preview shows how black text looks on a background with the Hex color 42412C.

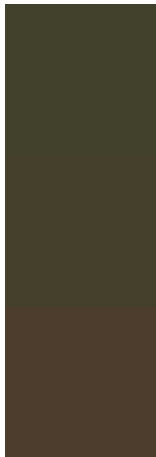


This preview shows how white text looks on a background with the Hex color 42412C.

# 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](#).

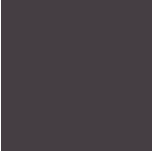
## Dichromacy



**Original Color**  
42412C

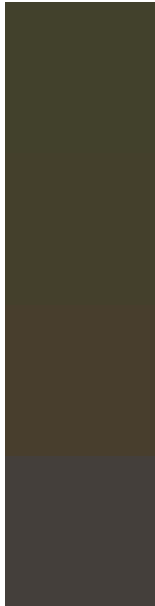
**Protanopia**  
45402C

**Deuteranopia**  
4C3D2D



**Tritanopia**  
453E43

# Trichromacy



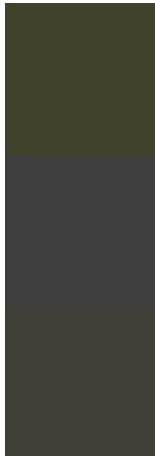
**Original Color**  
42412C

**Protanomaly**  
44402C

**Deuteranomaly**  
483E2D

**Tritanomaly**  
443F3B

# Monochromacy



**Original Color**  
42412C

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
404038

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 42412C 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 #42412C looks like.

```
.text, #text, p{  
    color:#42412C  
}
```

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 #42412C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42412C
}
```

## Border

The CSS property to change the border of an element to Hex 42412C is called "border". The border property can be set on classes, ids or directly on the HTML element.

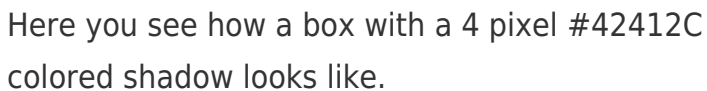
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42412C }
```

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

```
.border{ border-color:#42412C }
```

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

A rectangular box with a dark blue shadow. The box is white with a thin black border. The shadow is a dark blue color, matching the #42412C color mentioned in the text. The shadow is applied to the bottom and right sides of the box, creating a 3D effect.

Here you see how a box with a 4 pixel #42412C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42412C; -webkit-box-shadow:4px 4px  
4px 4px #42412C; box-shadow:4px 4px 4px  
4px #42412C }
```

# Background

The CSS property to change the background color of an element to Hex 42412C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42412C }
```

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

```
.background{ background-color:#42412C }
```

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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