

# Converting Colors

Hex(42342A)

Have a look what the booklet for  
Hex(42342A) contains.

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# Color

Hex(42342A)

# Conversions

## Conversions Part 1

Format	Color
Hex	42342A
RGB	66, 52, 42
RGB Percent	26%, 20%, 16%
CMY	0.7412, 0.7961, 0.8353
CMYK	0.00, 0.21, 0.36, 0.74
HSL	25°, 22%, 21%
HSV	25°, 36%, 26%
XYZ	3.8927, 3.7814, 2.7152
YIQ	55.0460, 11.5540, -0.1420

# Conversions

## Conversions Part 2

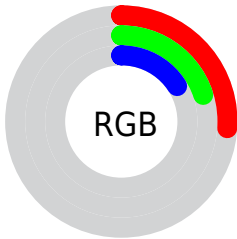
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 59, 42
Decimal	4338730
CIELab	22.94, 4.52, 8.70
CIElCh	23, 9.805, 62.521
Yxy	3.7814, 0.3747, 0.3640
Android (android.graphics.Color)	4282528810 (0xFF42342A)
YUV	55.0460, -6.4317, 9.6067
Hunter-Lab	19.4458, 1.7020, 5.3335

# Details

The Hex color **42342A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2A3842**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **736257**, and **170700** is the 20% darker color. If you saturate the color by 10%, you get **423023**, and if you desaturate by 10%, it is **423831**.

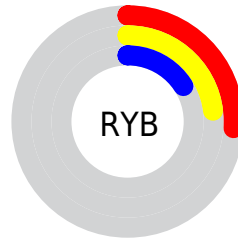
# Distribution



Red (26%)

Green (20%)

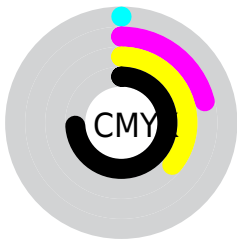
Blue (16%)



Red (26%)

Yellow (23%)

Blue (16%)

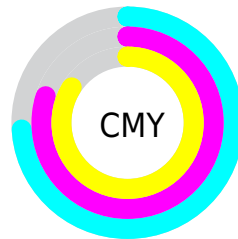


Cyan (0%)

Magenta (21%)

Yellow (36%)

Black (74%)



Cyan (74%)

Magenta (80%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 42342A 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 42342A by changing the saturation by 10% instead.





42342A



42342A

FFFFFF



2B1F16



736257



170700



8C7B70



000000



A79589



C2B0A3



DECBBE



FBE7DA



FFFFF7



42342A



42342A

■ 423023

■ 423831

■ 422C1D

■ 423C37

■ 422816

■ 42403E

■ 422510

■ 424344

■ 422109

■ 42474B

■ 421D02

■ 424B52

■ 421B00

■ 424F58

■ 42535F

■ 425765

# Harmonies

## Analogous

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



45322F



42342A



3C3628

# Triad

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



42342A



253B37



393543

# Complementary

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



42342A



2A3842

# 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.



2F3745



42342A



223B3E

# Square

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



42342A



2B3A30



263943



41323E

# Rectangle

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



42342A



363829



263943



363544



# Sweetspot

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



42342A



57514D



422A38



2B2826



ABABAB



2B2B2B



# Same Dimension

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



42342A



574031



42402A



211F1E



612800



E05D00



# Inverse Universe

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



2A3842



314757



2A2C42



1E2021



003961

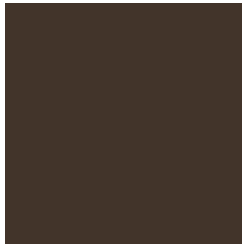


0083E0



# Previews

## White Background



This preview shows how the Hex color 42342A looks on a white background.

## Color Contrast Check

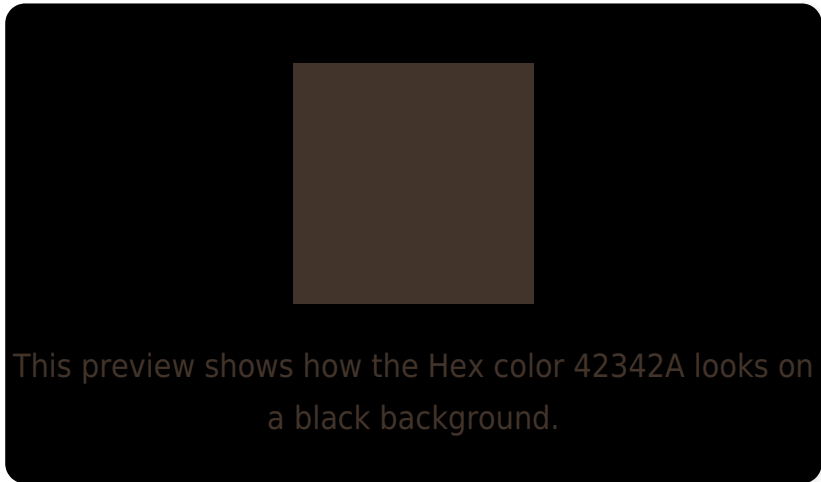
Large Text (above 18pt) WCAG AA ✓ Pass

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

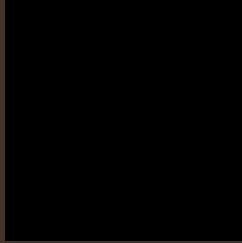
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 42342A Background



This preview shows how black text looks on a background with the Hex color 42342A.

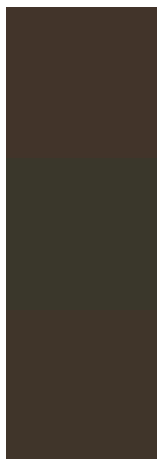


This preview shows how white text looks on a background with the Hex color 42342A.

# 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](#).

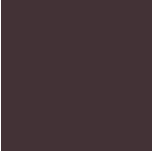
## Dichromacy



**Original Color**  
42342A

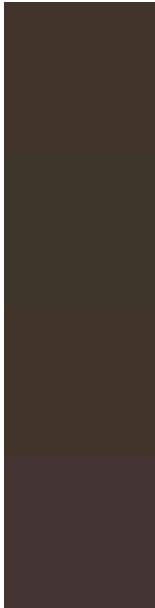
**Protanopia**  
3A372B

**Deuteranopia**  
40352A



**Tritanopia**  
433236

# Trichromacy



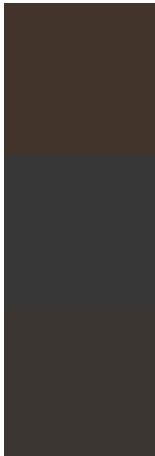
**Original Color**  
42342A

**Protanomaly**  
3D362B

**Deuteranomaly**  
41352A

**Tritanomaly**  
433332

# Monochromacy



**Original Color**  
42342A

**Achromatopsia**  
373737

**Achromatomaly**  
3B3632

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 42342A 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 #42342A looks like.

```
.text, #text, p{  
    color:#42342A  
}
```

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 #42342A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42342A
}
```

## Border

The CSS property to change the border of an element to Hex 42342A is called "border". The border property can be set on classes, ids or directly on the HTML element.

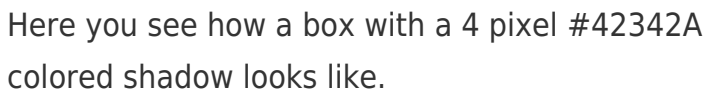
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42342A }
```

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

```
.border{ border-color:#42342A }
```

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



Here you see how a box with a 4 pixel #42342A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42342A; -webkit-box-shadow:4px 4px  
4px 4px #42342A; box-shadow:4px 4px 4px  
4px #42342A }
```

# Background

The CSS property to change the background color of an element to Hex 42342A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42342A }
```

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

```
.background{ background-color:#42342A }
```

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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