

# Converting Colors

Hex(44342B)

Have a look what the booklet for  
Hex(44342B) contains.

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# Color

Hex(44342B)

# Conversions

## Conversions Part 1

Format	Color
Hex	44342B
RGB	68, 52, 43
RGB Percent	27%, 20%, 17%
CMY	0.7333, 0.7961, 0.8314
CMYK	0.00, 0.24, 0.37, 0.73
HSL	22°, 23%, 22%
HSV	22°, 37%, 27%
XYZ	4.0479, 3.8593, 2.8171
YIQ	55.7580, 12.4250, 0.5930

# Conversions

## Conversions Part 2

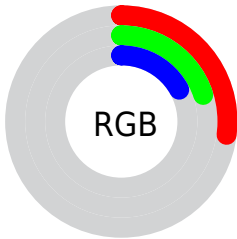
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	68, 57, 43
Decimal	4469803
CIELab	23.20, 5.64, 8.43
CIELCh	23, 10.147, 56.229
Yxy	3.8593, 0.3775, 0.3599
Android (android.graphics.Color)	4282659883 (0xFF44342B)
YUV	55.7580, -6.2897, 10.7362
Hunter-Lab	19.6452, 2.4011, 5.2496

# Details

The Hex color **44342B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B3B44**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **756258**, and **190700** is the 20% darker color. If you saturate the color by 10%, you get **443024**, and if you desaturate by 10%, it is **443832**.

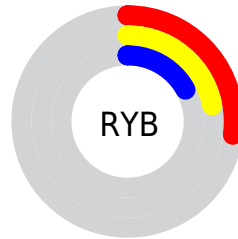
# Distribution



Red (27%)

Green (20%)

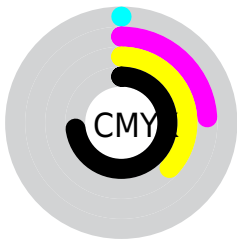
Blue (17%)



Red (27%)

Yellow (22%)

Blue (17%)

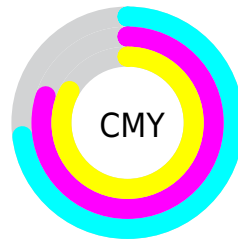


Cyan (0%)

Magenta (24%)

Yellow (37%)

Black (73%)



Cyan (73%)

Magenta (80%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44342B 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 44342B by changing the saturation by 10% instead.





44342B



44342B

FFFFFF



2D1F17



756258



190700



8F7B71



000000



A9958A



C5B0A5



E1CBC0



FDE7DC



FFFFFF8



44342B



44342B

■ 443024

■ 443832

■ 442B1D

■ 443D39

■ 442717

■ 44413F

■ 442310

■ 444546

■ 441E09

■ 444A4D

■ 441A02

■ 444E54

■ 441800

■ 44525B

■ 445761

■ 445B68

# Harmonies

## Analogous

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



473231



44342B



3E3628

# Triad

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



44342B



263C36



373645

# Complementary

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



44342B



2B3B44

# 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.



2D3846



44342B



223B3E

# Square

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



44342B



2D3B2F



253A44



403340

# Rectangle

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



44342B



393829



253A44



343746



# Sweetspot

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



44342B



59534F



442B3B



2E2A28



ADADAD



2E2E2E



# Same Dimension

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



44342B



594032



44402B



211F1E



612300



E05100



# Inverse Universe

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



2B3B44



324B59



2B2F44



1E2021



003E61

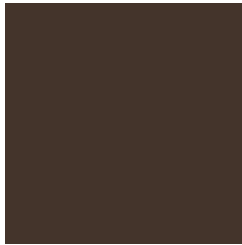


0090E0



# Previews

## White Background



This preview shows how the Hex color 44342B looks on a white background.

## Color Contrast Check

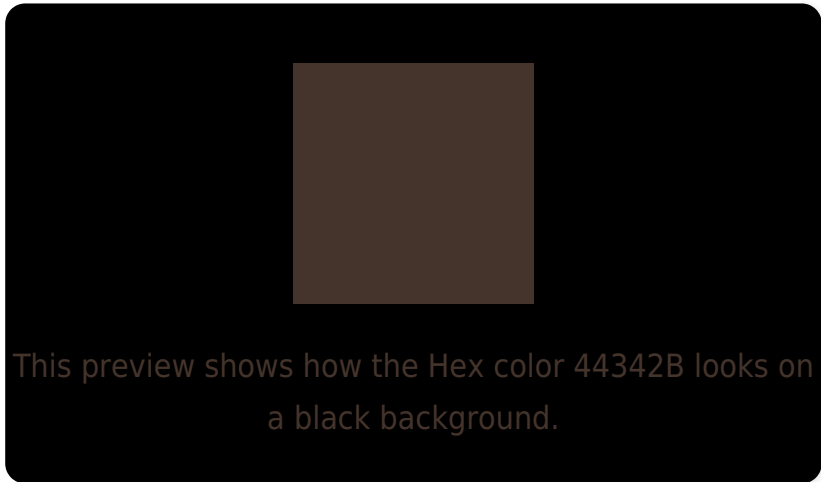
Large Text (above 18pt) WCAG AA ✓ Pass

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

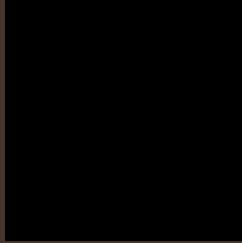
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 44342B Background



This preview shows how black text looks on a background with the Hex color 44342B.

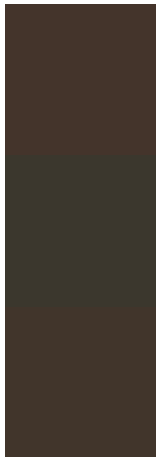


This preview shows how white text looks on a background with the Hex color 44342B.

# 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](#).

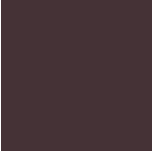
## Dichromacy



**Original Color**  
44342B

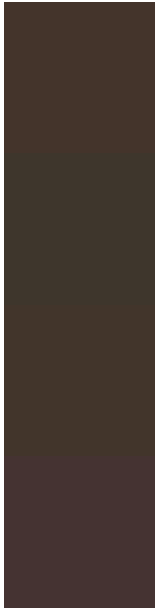
**Protanopia**  
3B372D

**Deuteranopia**  
41352B



**Tritanopia**  
453236

# Trichromacy



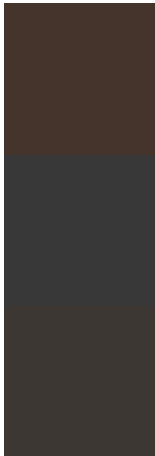
**Original Color**  
44342B

**Protanomaly**  
3E362C

**Deuteranomaly**  
42352B

**Tritanomaly**  
453332

# Monochromacy



**Original Color**  
44342B

**Achromatopsia**  
383838

**Achromatomaly**  
3C3733

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44342B 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 #44342B looks like.

```
.text, #text, p{  
    color:#44342B  
}
```

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 #44342B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44342B
}
```

## Border

The CSS property to change the border of an element to Hex 44342B is called "border". The border property can be set on classes, ids or directly on the HTML element.

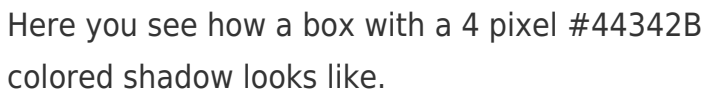
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#44342B }
```

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

```
.border{ border-color:#44342B }
```

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



Here you see how a box with a 4 pixel #44342B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44342B; -webkit-box-shadow:4px 4px  
4px 4px #44342B; box-shadow:4px 4px 4px  
4px #44342B }
```

# Background

The CSS property to change the background color of an element to Hex 44342B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44342B }
```

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

```
.background{ background-color:#44342B }
```

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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