

# Converting Colors

Hex(39322B)

Have a look what the booklet for  
Hex(39322B) contains.

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# Color

**Hex(39322B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39322B
RGB	57, 50, 43
RGB Percent	22%, 20%, 17%
CMY	0.7765, 0.8039, 0.8314
CMYK	0.00, 0.12, 0.25, 0.78
HSL	30°, 14%, 20%
HSV	30°, 25%, 22%
XYZ	3.2640, 3.3255, 2.7554
YIQ	51.2950, 6.4190, -0.6930

# Conversions

## Conversions Part 2

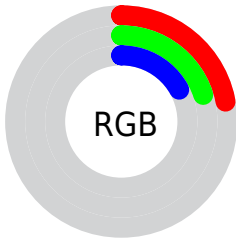
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	57, 57, 43
Decimal	3748395
CIE Lab	21.30, 1.73, 5.60
CIE LCh	21, 5.859, 72.811
Yxy	3.3255, 0.3493, 0.3559
Android (android.graphics.Color)	4281938475 (0xFF39322B)
YUV	51.2950, -4.0894, 5.0033
Hunter-Lab	18.2359, 0.0364, 3.8067

# Details

The Hex color **39322B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B3239**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **686058**, and **0C0300** is the 20% darker color. If you saturate the color by 10%, you get **392F25**, and if you desaturate by 10%, it is **393531**.

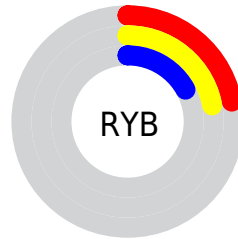
# Distribution



Red (22%)

Green (20%)

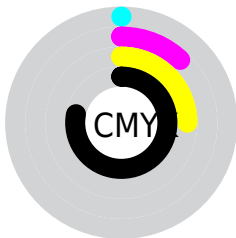
Blue (17%)



Red (22%)

Yellow (22%)

Blue (17%)

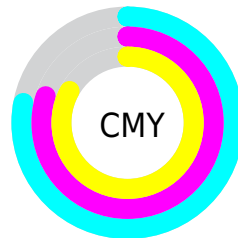


Cyan (0%)

Magenta (12%)

Yellow (25%)

Black (78%)



Cyan (78%)

Magenta (80%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39322B 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 39322B by changing the saturation by 10% instead.





39322B



39322B

FFFFFF



231D17



686058



0C0300



817971



000000



9B938A



B6ADA5



D2C9C0



EEE5DB



FFFFF8



39322B



39322B

■ 392F25

■ 393531

■ 392C20

■ 393836

■ 39291A

■ 393B3C

■ 392714

■ 393D42

■ 39240F

■ 394048

■ 392109

■ 39434D

■ 391E03

■ 394653

■ 391C00

■ 394959

■ 394C5E

# Harmonies

## Analogous

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



3C312D



39322B



35332B

# Triad

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



39322B



283635



363139

# Complementary

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



39322B



2B3239

# 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.



31333B



39322B



283539

# Square

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



39322B



2B3530



2C343B



3A3036

# Rectangle

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



39322B



31342C



2C343B



35323A



# Sweetspot

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



39322B



4A4745



392B32



262523



A6A6A6



262626



# Same Dimension

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



39322B



4A3F35



39392B



1C1B19



5C2E00



DB6E00



# Inverse Universe

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



2B3239



353F4A



2B2B39



191B1C



002E5C

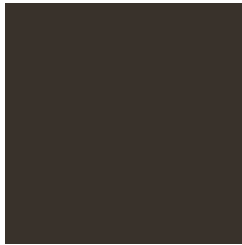


006EDB



# Previews

## White Background



This preview shows how the Hex color 39322B looks on a white background.

## Color Contrast Check

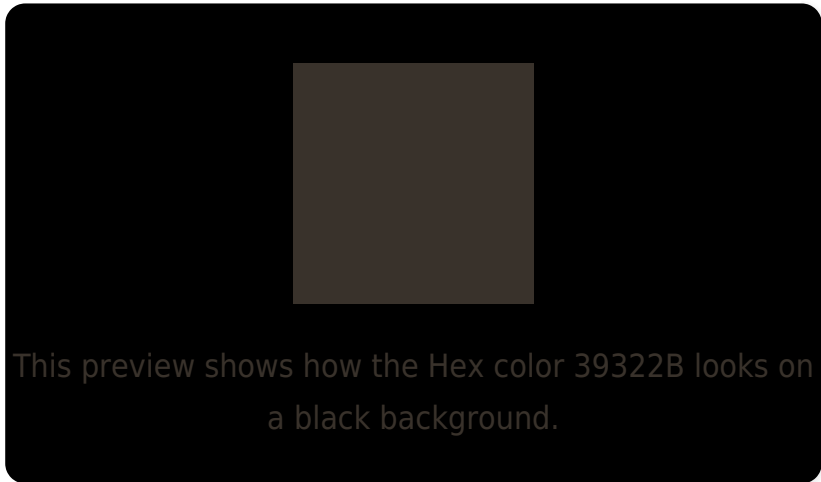
Large Text (above 18pt) WCAG AA ✓ Pass

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

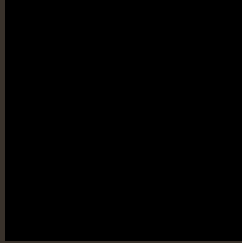
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

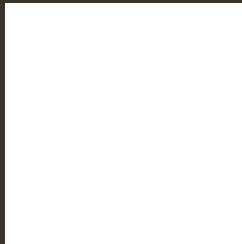
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 39322B Background



This preview shows how black text looks on a background with the Hex color 39322B.

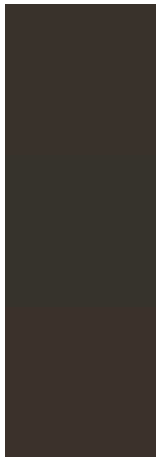


This preview shows how white text looks on a background with the Hex color 39322B.

# 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](#).

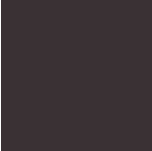
## Dichromacy



**Original Color**  
39322B

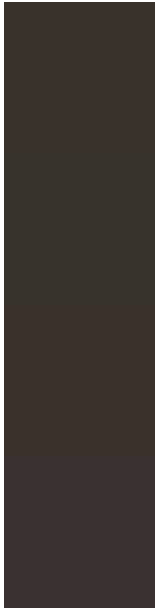
**Protanopia**  
36332C

**Deuteranopia**  
3B312B



**Tritanopia**  
3A3134

# Trichromacy



**Original Color**  
39322B

**Protanomaly**  
37332C

**Deuteranomaly**  
3A312B

**Tritanomaly**  
3A3131

# Monochromacy



**Original Color**  
39322B

**Achromatopsia**  
333333

**Achromatomaly**  
353330

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39322B 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 #39322B looks like.

```
.text, #text, p{  
    color:#39322B  
}
```

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 #39322B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39322B
}
```

## Border

The CSS property to change the border of an element to Hex 39322B is called "border". The border property can be set on classes, ids or directly on the HTML element.

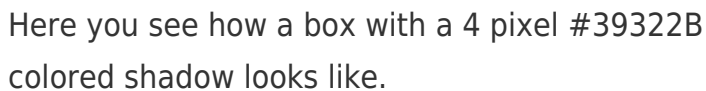
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#39322B }
```

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

```
.border{ border-color:#39322B }
```

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



Here you see how a box with a 4 pixel #39322B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39322B; -webkit-box-shadow:4px 4px  
4px 4px #39322B; box-shadow:4px 4px 4px  
4px #39322B }
```

# Background

The CSS property to change the background color of an element to Hex 39322B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39322B }
```

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

```
.background{ background-color:#39322B }
```

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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