

# Converting Colors

Hex(39402E)

Have a look what the booklet for  
Hex(39402E) contains.

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# Color

**Hex(39402E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39402E
RGB	57, 64, 46
RGB Percent	22%, 25%, 18%
CMY	0.7765, 0.7490, 0.8196
CMYK	0.11, 0.00, 0.28, 0.75
HSL	83°, 16%, 22%
HSV	83°, 28%, 25%
XYZ	4.0139, 4.7339, 3.2869
YIQ	59.8550, 1.6060, -7.0820

# Conversions

## Conversions Part 2

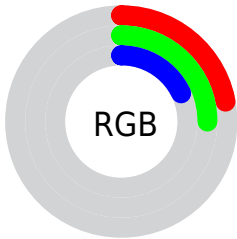
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 64, 53
Decimal	3751982
CIE Lab	25.96, -6.76, 10.08
CIE LCh	26, 12.131, 123.841
Yxy	4.7339, 0.3335, 0.3934
Android (android.graphics.Color)	4281942062 (0xFF39402E)
YUV	59.8550, -6.8305, -2.5038
Hunter-Lab	21.7575, -5.1456, 6.2732

# Details

The Hex color **39402E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **352E40**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **68705C**, and **0F1600** is the 20% darker color. If you saturate the color by 10%, you get **374028**, and if you desaturate by 10%, it is **3B4034**.

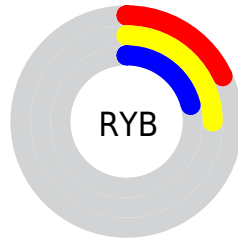
# Distribution



Red (22%)

Green (25%)

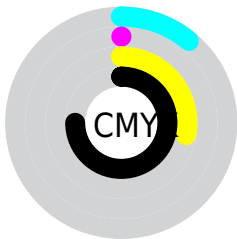
Blue (18%)



Red (18%)

Yellow (25%)

Blue (21%)

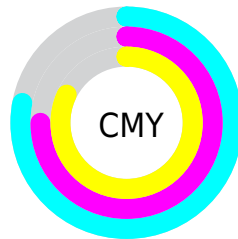


Cyan (11%)

Magenta (0%)

Yellow (28%)

Black (75%)



Cyan (78%)

Magenta (75%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39402E 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 39402E by changing the saturation by 10% instead.





39402E



39402E

FFFFFF



232A19



68705C



0F1600



818974



000000



9BA38E



B6BEA9



D2DAC4



EEF7E0



FFFFFFC



39402E



39402E

■ 374028

■ 3B4034

■ 344021

■ 3E403B

■ 32401B

■ 404041

■ 2F4014

■ 434048

■ 2D400E

■ 45404E

■ 2A4008

■ 484054

■ 284001

■ 4A405B

■ 274000

■ 4D4061

■ 4F4068

# Harmonies

## Analogous

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



433D2B



39402E



2E4235

# Triad

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



39402E



28414E



50373D

# Complementary

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



39402E



352E40

# 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.



4A3846



39402E



343E50

# Square

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



39402E



234247



403B4D



503834

# Rectangle

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



39402E



28433B



403B4D



4E3740



# Sweetspot

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



39402E



52544D



40352E



2A2B27



ABABAB



2B2B2B



# Same Dimension

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



39402E



495438



30402E



20211E



3B6100



89E000



# Inverse Universe

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



352E40



433854



3E2E40



1F1E21



260061



5700E0



# Previews

## White Background



This preview shows how the Hex color 39402E looks on a white background.

## Color Contrast Check

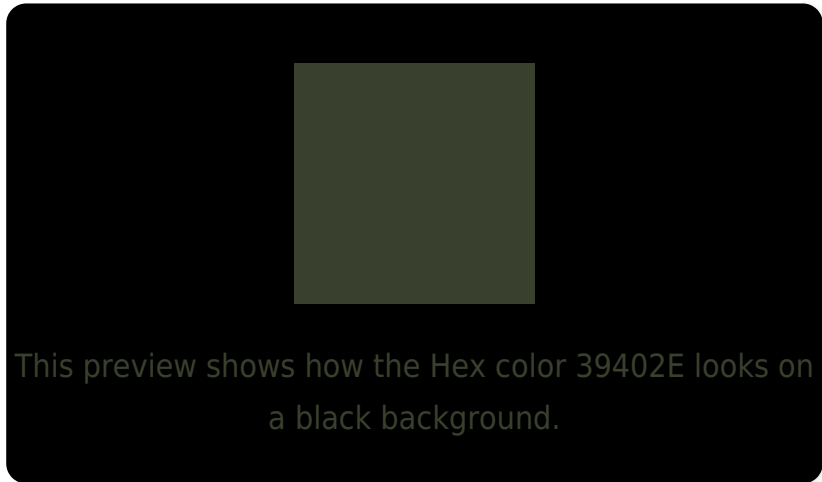
Large Text (above 18pt) WCAG AA ✓ Pass

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

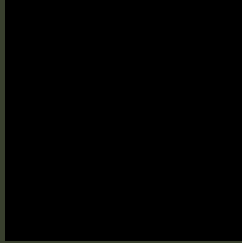
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 39402E Background



This preview shows how black text looks on a background with the Hex color 39402E.

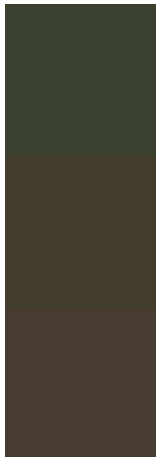


This preview shows how white text looks on a background with the Hex color 39402E.

# 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**  
39402E

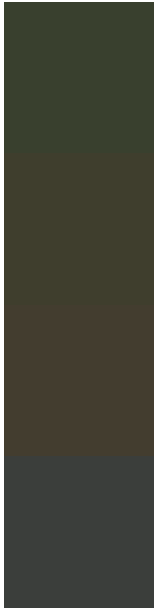
**Protanopia**  
423D2D

**Deuteranopia**  
483B2F



**Tritanopia**  
3C3D42

# Trichromacy



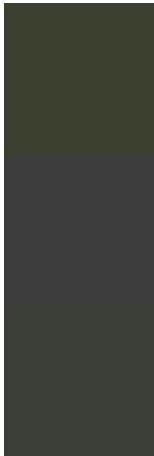
**Original Color**  
39402E

**Protanomaly**  
3F3E2D

**Deuteranomaly**  
433D2F

**Tritanomaly**  
3B3E3B

# Monochromacy



**Original Color**  
39402E

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
3B3D37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39402E 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 #39402E looks like.

```
.text, #text, p{  
    color:#39402E  
}
```

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 #39402E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39402E
}
```

## Border

The CSS property to change the border of an element to Hex 39402E is called "border". The border property can be set on classes, ids or directly on the HTML element.

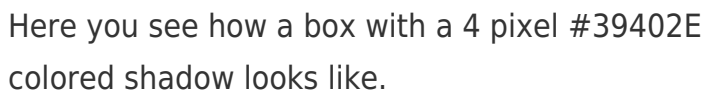
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#39402E }
```

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

```
.border{ border-color:#39402E }
```

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



Here you see how a box with a 4 pixel #39402E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39402E; -webkit-box-shadow:4px 4px  
4px 4px #39402E; box-shadow:4px 4px 4px  
4px #39402E }
```

# Background

The CSS property to change the background color of an element to Hex 39402E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39402E }
```

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

```
.background{ background-color:#39402E }
```

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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