

# Converting Colors

Hex(39502D)

Have a look what the booklet for  
Hex(39502D) contains.

<b>Hex(39502D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(39502D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	39502D
RGB	57, 80, 45
RGB Percent	22%, 31%, 18%
CMY	0.7765, 0.6863, 0.8235
CMYK	0.29, 0.00, 0.44, 0.69
HSL	99°, 28%, 25%
HSV	99°, 44%, 31%
XYZ	5.0297, 6.7966, 3.5294
YIQ	69.1330, -2.4730, -15.7610

# Conversions

## Conversions Part 2

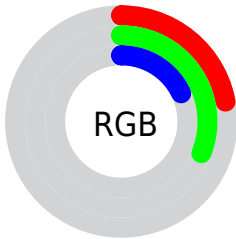
Format	Color
<b>RYB</b>	45, 80, 68
Decimal	3756077
CIELab	31.34, -16.33, 17.85
CIELCh	31, 24.195, 132.457
Yxy	6.7966, 0.3275, 0.4426
Android (android.graphics.Color)	4281946157 (0xFF39502D)
YUV	69.1330, -11.8976, -10.6406
Hunter-Lab	26.0704, -11.1858, 10.2226

# Details

The Hex color **39502D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **442D50**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **69815B**, and **102300** is the 20% darker color. If you saturate the color by 10%, you get **345025**, and if you desaturate by 10%, it is **3E5035**.

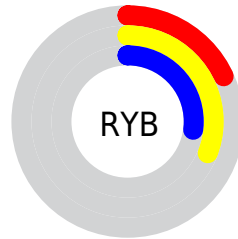
# Distribution



Red (22%)

Green (31%)

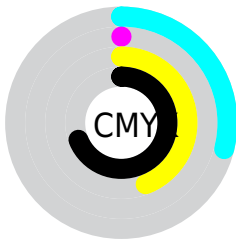
Blue (18%)



Red (18%)

Yellow (31%)

Blue (27%)

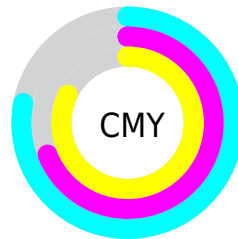


Cyan (29%)

Magenta (0%)

Yellow (44%)

Black (69%)



Cyan (78%)

Magenta (69%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39502D 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 39502D by changing the saturation by 10% instead.



 39502D

 39502D

FFFFFF

 233918

 69815B

 102300

 829B74

 000900

 9DB68E

 000000

 B8D2A8

 D4EEC3

 F0FFDF

 FFFFFC

 39502D

 39502D

■ 345025

■ 3E5035

■ 2E501D

■ 44503D

■ 295015

■ 495045

■ 24500D

■ 4E504D

■ 1F5005

■ 535055

■ 1B5000

■ 59505D

■ 5E5065

■ 63506D

■ 685075

# Harmonies

## Analogous

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



4E4B24



39502D



1F533E

# Triad

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



39502D



104F6E



6E3B42

# Complementary

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



39502D



442D50

# 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.



673C56



39502D



3A496F

# Square

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



39502D



005263



564266



6B3E31

# Rectangle

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



39502D



02544B



564266



6D3A49



# Sweetspot

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



39502D



60695B



50442D



30362D



B5B5B5



363636



# Same Dimension

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



39502D



446931



2D5032



262925



246900



50E800



# Inverse Universe

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



442D50



563169



502D4B



272529



450069

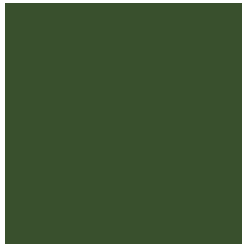


9800E8



# Previews

## White Background



This preview shows how the Hex color 39502D looks on a white background.

## Color Contrast Check

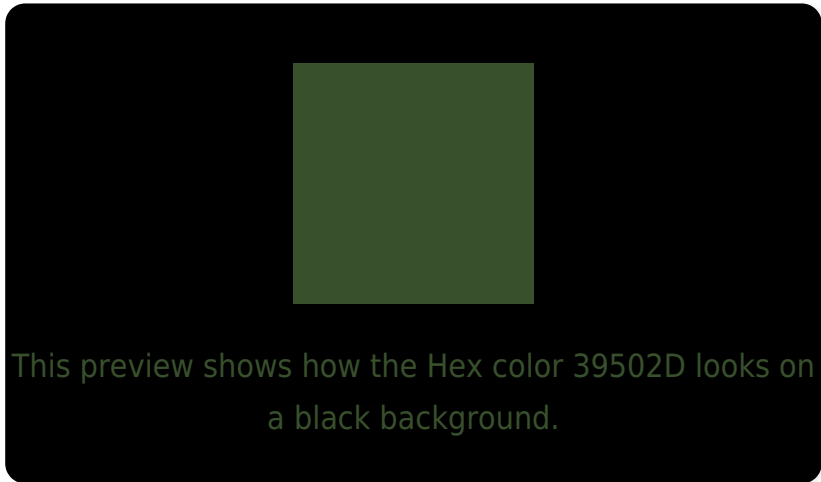
Large Text (above 18pt) WCAG AA ✓ Pass

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

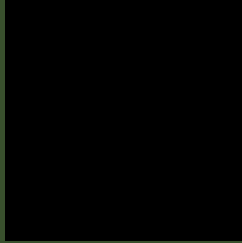
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 39502D Background



This preview shows how black text looks on a background with the Hex color 39502D.



This preview shows how white text looks on a background with the Hex color 39502D.

# 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](#).

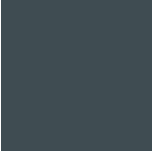
## Dichromacy



**Original Color**  
39502D

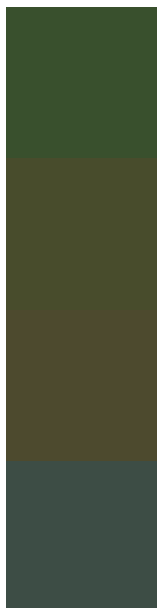
**Protanopia**  
514A2B

**Deuteranopia**  
59462F



**Tritanopia**  
3F4C52

# Trichromacy



**Original Color**

39502D

**Protanomaly**

484C2C

**Deuteranomaly**

4D4A2E

**Tritanomaly**

3D4D45

# Monochromacy



**Original Color**

39502D

**Achromatopsia**

454545

**Achromatomaly**

41493C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39502D 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 #39502D looks like.

```
.text, #text, p{  
    color:#39502D  
}
```

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 #39502D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39502D }  
}
```

## Border

The CSS property to change the border of an element to Hex 39502D 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".

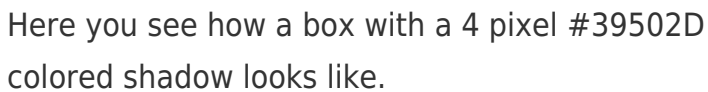
```
.border, #border, table{ border:4px solid #39502D }  
}
```

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

```
.border{ border-color:#39502D }
```

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

Here you see how a box with a 4 pixel #39502D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39502D; -webkit-box-shadow:4px 4px  
4px 4px #39502D; box-shadow:4px 4px 4px  
4px #39502D }
```

# Background

The CSS property to change the background color of an element to Hex 39502D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39502D }
```

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

```
.background{ background-color:#39502D }
```

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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