

# Converting Colors

Hex(39702D)

Have a look what the booklet for  
Hex(39702D) contains.

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**Color**

**Hex(39702D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	39702D
RGB	57, 112, 45
RGB Percent	22%, 44%, 18%
CMY	0.7765, 0.5608, 0.8235
CMYK	0.49, 0.00, 0.60, 0.56
HSL	109°, 43%, 31%
HSV	109°, 60%, 44%
XYZ	7.9552, 12.6477, 4.5046
YIQ	87.9170, -11.2730, -32.4970

# Conversions

## Conversions Part 2

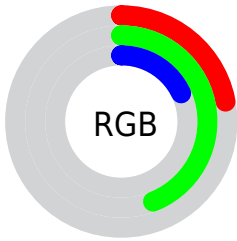
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	45, 112, 100
Decimal	3764269
CIE <sub>Lab</sub>	42.23, -32.27, 31.22
CIE <sub>LCh</sub>	42, 44.899, 135.945
Yxy	12.6477, 0.3168, 0.5037
Android (android.graphics.Color)	4281954349 (0xFF39702D)
YUV	87.9170, -21.1581, -27.1142
Hunter-Lab	35.5635, -22.3078, 17.3846

# Details

The Hex color **39702D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **642D70**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6DA45D**, and **003F00** is the 20% darker color. If you saturate the color by 10%, you get **307022**, and if you desaturate by 10%, it is **427038**.

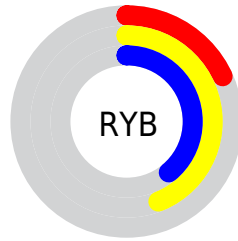
# Distribution



Red (22%)

Green (44%)

Blue (18%)



Red (18%)

Yellow (44%)

Blue (39%)

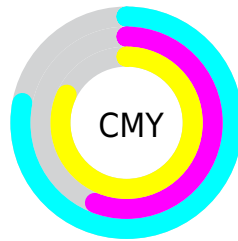


Cyan (49%)

Magenta (0%)

Yellow (60%)

Black (56%)



Cyan (78%)

Magenta (56%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39702D 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 39702D by changing the saturation by 10% instead.



 39702D

 39702D

FFFFFF

 1F5716

 6DA45D

 003F00

 87C076

 002900

 A2DC90

 000F00

 BEF8AB

 000000

 DAFFC7

 F7FFE3

 39702D

 39702D

 307022

 427038

■ 277017

■ 4B7043

■ 1D700B

■ 55704F

■ 147000

■ 5E705A

■ 677065

■ 707070

■ 79707B

■ 837087

■ 8C7092

# Harmonies

## Analogous

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



646814



39702D



007450

# Triad

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



39702D



006DAB



A74151

# Complementary

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



39702D



642D70

# 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.



9E4377



39702D



4261AB

# Square

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



39702D



007398



7F5198



9D4D30

# Rectangle

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



39702D



00756A



7F5198



A6405E



# Sweetspot

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



39702D



7C9177



70642D



3D4A3A



C9C9C9



4A4A4A



# Same Dimension

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



39702D



3B9129



2D7042



333832



157800



2CF700



# Inverse Universe

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



642D70



7F2991



702D5B



373238



620078



CB00F7



# Previews

## White Background



This preview shows how the Hex color 39702D looks on a white background.

## Color Contrast Check

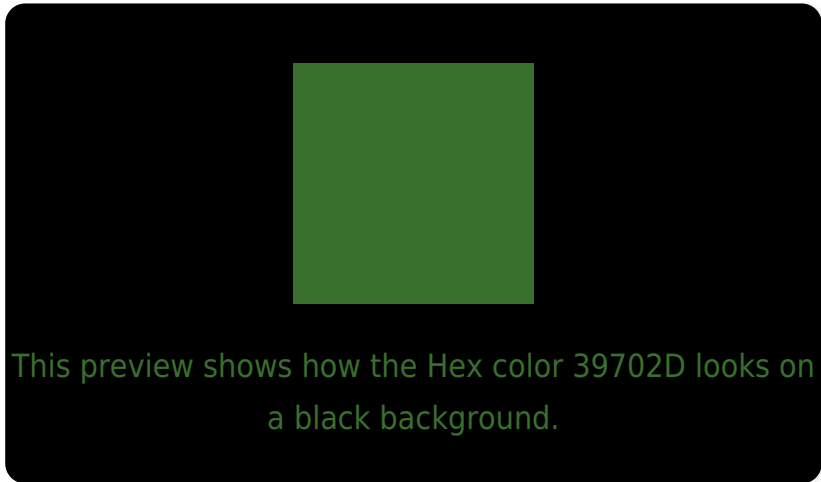
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

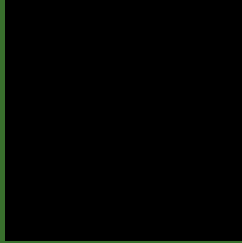
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 39702D Background



This preview shows how black text looks on a background with the Hex color 39702D.



This preview shows how white text looks on a background with the Hex color 39702D.

# 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**  
39702D

**Protanopia**  
6E6329

**Deuteranopia**  
7A5F32



**Tritanopia**  
466971

# Trichromacy



**Original Color**  
39702D

**Protanomaly**  
5B682A

**Deuteranomaly**  
626530

**Tritanomaly**  
416C58

# Monochromacy



**Original Color**  
39702D

**Achromatopsia**  
585858

**Achromatomaly**  
4D6148

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39702D 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 #39702D looks like.

```
.text, #text, p{  
    color:#39702D  
}
```

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 #39702D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39702D
}
```

## Border

The CSS property to change the border of an element to Hex 39702D 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".

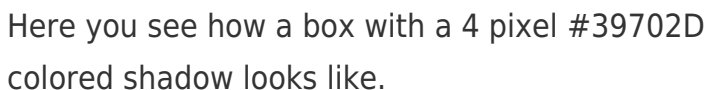
```
.border, #border, table{ border:4px solid
#39702D }
```

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

```
.border{ border-color:#39702D }
```

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

Here you see how a box with a 4 pixel #39702D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39702D; -webkit-box-shadow:4px 4px  
4px 4px #39702D; box-shadow:4px 4px 4px  
4px #39702D }
```

# Background

The CSS property to change the background color of an element to Hex 39702D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39702D }
```

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

```
.background{ background-color:#39702D }
```

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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