

# Converting Colors

Hex(037E1C)

Have a look what the booklet for  
Hex(037E1C) contains.

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**Color**

**Hex(037E1C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	037E1C
RGB	3, 126, 28
RGB Percent	1%, 49%, 11%
CMY	0.9882, 0.5059, 0.8902
CMYK	0.98, 0.00, 0.78, 0.51
HSL	132°, 95%, 25%
HSV	132°, 98%, 49%
XYZ	7.7080, 15.0249, 3.5925
YIQ	78.0510, -41.8500, -56.5540

# Conversions

## Conversions Part 2

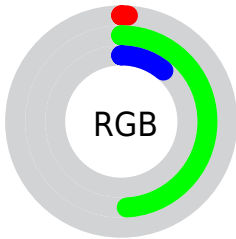
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 105, 126
Decimal	228892
CIELab	45.67, -49.39, 42.18
CIELCh	46, 64.947, 139.502
Yxy	15.0249, 0.2928, 0.5707
Android (android.graphics.Color)	4278418972 (0xFF037E1C)
YUV	78.0510, -24.6751, -65.8197
Hunter-Lab	38.7620, -32.3379, 21.6384

# Details

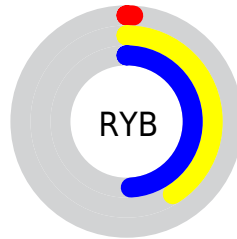
The Hex color **037E1C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **7E0365**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **51B44F**, and **004B00** is the 20% darker color. If you saturate the color by 10%, you get **007E1A**, and if you desaturate by 10%, it is **107E26**.

# Distribution



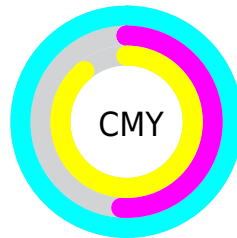
- Red (1%)
- Green (49%)
- Blue (11%)



- Red (1%)
- Yellow (41%)
- Blue (49%)



- Cyan (98%)
- Magenta (0%)
- Yellow (78%)
- Black (51%)



- Cyan (99%)
- Magenta (51%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 037E1C 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 037E1C by changing the saturation by 10% instead.



 037E1C

 037E1C

FFFFFF

 006400

 51B44F

 004B00

 6DD069

 003400

 8AED83

 001C00

 A6FF9E

 000000

 C3FFB9

 E1FFD6

 FFFFF2

 037E1C

 037E1C

■ 007E1A

■ 107E26

■ 1C7E30

■ 297E3A

■ 357E44

■ 427E4E

■ 4F7E58

■ 5B7E62

■ 687E6C

■ 747E76

# Harmonies

## Analogous

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



627400



037E1C



008357

# Triad

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



037E1C



0078D8



CA2E4C

# Complementary

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



037E1C



7E0365

# 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.



C22E82



037E1C



3566D4

# Square

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



037E1C



0081BE



994BB4



B74A16

# Rectangle

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



037E1C



00847D



994BB4



CB295D



# Sweetspot

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



037E1C



74A37D



657E03



35523B



D1D1D1



525252



# Same Dimension

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



037E1C



00A321



037E59



39403B



00801A



000000



# Inverse Universe

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



7E0365



A30082



7E0328



40393E



800066

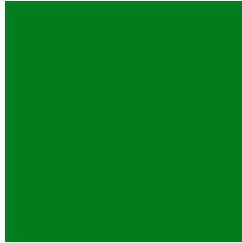


000000



# Previews

## White Background



This preview shows how the Hex color 037E1C looks on a white background.

## Color Contrast Check

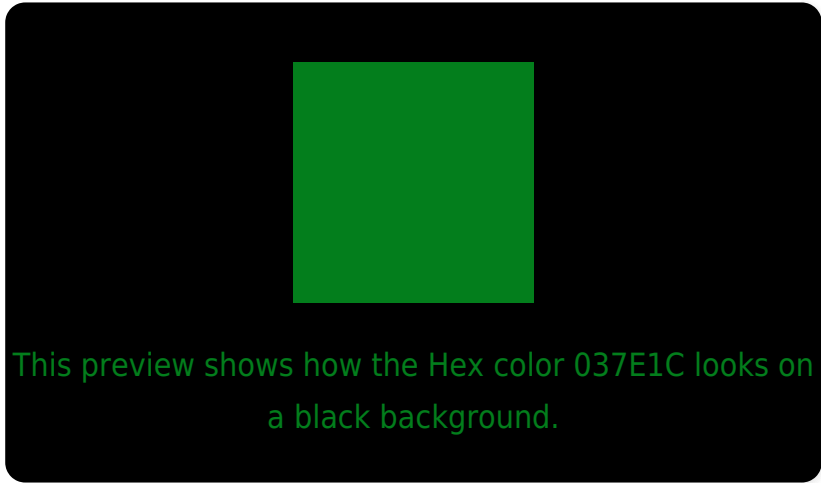
Large Text (above 18pt) WCAG AA ✓ Pass

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 037E1C Background



This preview shows how black text looks on a background with the Hex color 037E1C.



This preview shows how white text looks on a background with the Hex color 037E1C.

# 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**  
037E1C

**Protanopia**  
796C17

**Deuteranopia**  
876626



**Tritanopia**  
34757F

# Trichromacy



**Original Color**  
037E1C



**Protanomaly**  
4E7319



**Deuteranomaly**  
576F22



**Tritanomaly**  
22785B

# Monochromacy



**Original Color**  
037E1C



**Achromatopsia**  
4E4E4E



**Achromatomaly**  
335F3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 037E1C 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 #037E1C looks like.

```
.text, #text, p{  
    color:#037E1C  
}
```

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 #037E1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #037E1C
}
```

## Border

The CSS property to change the border of an element to Hex 037E1C is called "border". The border property can be set on classes, ids or directly on the HTML element.

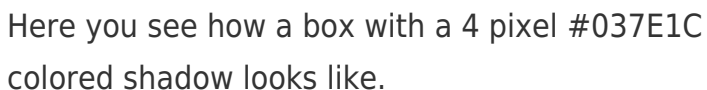
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#037E1C }
```

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

```
.border{ border-color:#037E1C }
```

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



Here you see how a box with a 4 pixel #037E1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #037E1C; -webkit-box-shadow:4px 4px  
4px 4px #037E1C; box-shadow:4px 4px 4px  
4px #037E1C }
```

# Background

The CSS property to change the background color of an element to Hex 037E1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#037E1C }
```

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

```
.background{ background-color:#037E1C }
```

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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