

Converting Colors

Hex(037017)

Have a look what the booklet for
Hex(037017) contains.

Hex(037017)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(037017)

Conversions

Conversions Part 1

Format	Color
Hex	037017
RGB	3, 112, 23
RGB Percent	1%, 44%, 9%
CMY	0.9882, 0.5608, 0.9098
CMYK	0.97, 0.00, 0.79, 0.56
HSL	131°, 95%, 23%
HSV	131°, 97%, 44%
XYZ	5.9864, 11.6696, 2.7475
YIQ	69.2630, -36.3950, -50.7870

Conversions

Conversions Part 2

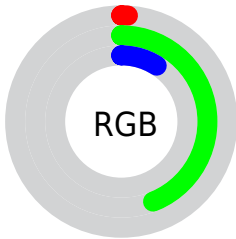
Format	Color
RYB	3, 95, 112
Decimal	225303
CIELab	40.69, -45.40, 39.07
CIELCh	41, 59.899, 139.285
Yxy	11.6696, 0.2934, 0.5719
Android (android.graphics.Color)	4278415383 (0xFF037017)
YUV	69.2630, -22.8077, -58.1127
Hunter-Lab	34.1607, -28.5007, 19.1438

Details

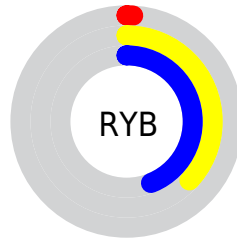
The Hex color **037017** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **70035C**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **4CA549**, and **003E00** is the 20% darker color. If you saturate the color by 10%, you get **007015**, and if you desaturate by 10%, it is **0E7020**.

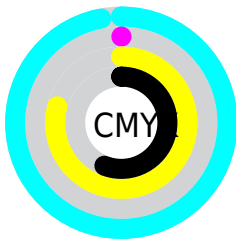
Distribution



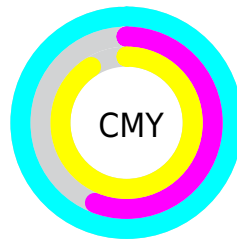
- Red (1%)
- Green (44%)
- Blue (9%)



- Red (1%)
- Yellow (37%)
- Blue (44%)



- Cyan (97%)
- Magenta (0%)
- Yellow (79%)
- Black (56%)



- Cyan (99%)
- Magenta (56%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 037017 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 037017 by changing the saturation by 10% instead.

 037017

 037017

FFFFFF

 005700

 4CA549

 003E00

 68C062

 002A00

 84DD7C

 000500

 A0FA97

 000000

 BDFFB2

 DAFFCE

 F7FFEB

 037017

 037017

■ 007015

■ 0E7020

■ 197029

■ 257032

■ 30703C

■ 3B7045

■ 46704E

■ 517057

■ 5D7060

■ 687069

Harmonies

Analogous

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



576700



037017



00744C

Triad

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



037017



006BC1



B52843

Complementary

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



037017



70035C

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.



AD2874



037017



2C5BBE

Square

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



037017



0073AA



8842A1



A44013

Rectangle

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



037017



00756E



8842A1



B52353

Sweetspot

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



037017



67916F



5C7003



304A35



C9C9C9



4A4A4A

Same Dimension

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



037017



00911B



03704D



323834



007816



00F72D

Inverse Universe

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



70035C



910077



700326



383237



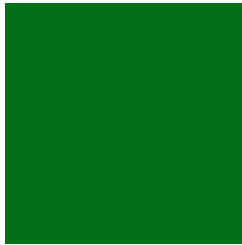
780062



F700CA

Previews

White Background



This preview shows how the Hex color 037017 looks on a white background.

Color Contrast Check

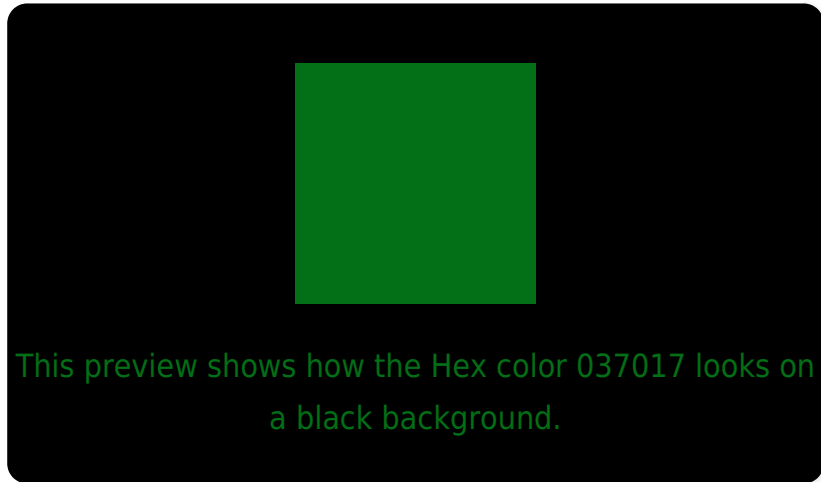
Large Text (above 18pt) WCAG AA ✓ Pass

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

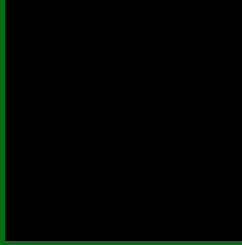
Any Text WCAG AA × Fail

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 037017 Background



This preview shows how black text looks on a background with the Hex color 037017.



This preview shows how white text looks on a background with the Hex color 037017.

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
037017

Protanopia
6C6013

Deuteranopia
785B21



Tritanopia
2E6871

Trichromacy



Original Color
037017



Protanomaly
466614



Deuteranomaly
4D631D

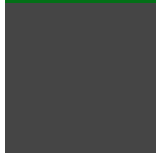


Tritanomaly
1E6B50

Monochromacy



Original Color
037017



Achromatopsia
454545



Achromatomaly
2D5534

CSS Examples

Text

The CSS property to change the color of the text to Hex 037017 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 #037017 looks like.

```
.text, #text, p{  
    color:#037017  
}
```

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 #037017 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #037017
}
```

Border

The CSS property to change the border of an element to Hex 037017 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
#037017 }
```

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

```
.border{ border-color:#037017 }
```

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

Here you see how a box with a 4 pixel #037017 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #037017; -webkit-box-shadow:4px 4px  
4px 4px #037017; box-shadow:4px 4px 4px  
4px #037017 }
```

Background

The CSS property to change the background color of an element to Hex 037017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#037017 }
```

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

```
.background{ background-color:#037017 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor