

Converting Colors

Hex(037337)

Have a look what the booklet for
Hex(037337) contains.

Hex(037337)	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(037337)

Conversions

Conversions Part 1

Format	Color
Hex	037337
RGB	3, 115, 55
RGB Percent	1%, 45%, 22%
CMY	0.9882, 0.5490, 0.7843
CMYK	0.97, 0.00, 0.52, 0.55
HSL	148°, 95%, 23%
HSV	148°, 97%, 45%
XYZ	6.8579, 12.5567, 5.6767
YIQ	74.6720, -47.4920, -42.4040

Conversions

Conversions Part 2

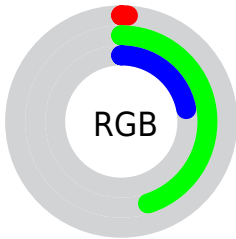
Format	Color
RYB	3, 79, 115
Decimal	226103
CIELab	42.09, -42.22, 25.44
CIElCh	42, 49.292, 148.934
Yxy	12.5567, 0.2733, 0.5004
Android (android.graphics.Color)	4278416183 (0xFF037337)
YUV	74.6720, -9.6983, -62.8563
Hunter-Lab	35.4354, -27.4665, 15.3067

Details

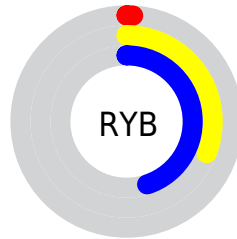
The Hex color **037337** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **73033F**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4BA867**, and **00410A** is the 20% darker color. If you saturate the color by 10%, you get **007335**, and if you desaturate by 10%, it is **0F733D**.

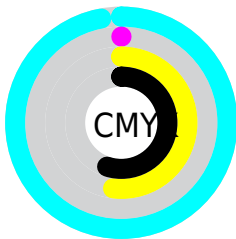
Distribution



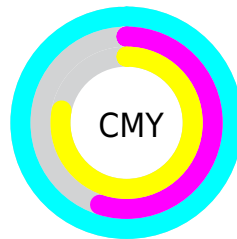
- Red (1%)
- Green (45%)
- Blue (22%)



- Red (1%)
- Yellow (31%)
- Blue (45%)



- Cyan (97%)
- Magenta (0%)
- Yellow (52%)
- Black (55%)



- Cyan (99%)
- Magenta (55%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 037337 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 037337 by changing the saturation by 10% instead.

 037337

 037337

FFFFFF

 005A20

 4BA867

 00410A

 67C481

 002B00

 83E09B

 000E00

 9FFDB6

 000000

 BCFFD2

 D9FFEE

 F6FFFF

 037337

 037337

■ 007335

■ 0F733D

■ 1A7343

■ 267349

■ 317350

■ 3D7356

■ 48735C

■ 547362

■ 5F7368

■ 6B736E

Harmonies

Analogous

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



506C12



037337



007661

Triad

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



037337



0069B5



AA403F

Complementary

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



037337



73033F

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.



AA3B67



037337



5F59AB

Square

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



037337



0072A9



93478E



97511B

Rectangle

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



037337



00767D



93478E



AC3C4B

Sweetspot

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



037337



6B967F



417303



324D3E



CCCCCC



4D4D4D

Same Dimension

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



037337



009646



03736D



353B38



007A39



00FA74

Inverse Universe

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



73033F



960051



730309



3B3538



7A0042



FA0086

Previews

White Background



This preview shows how the Hex color 037337 looks on a white background.

Color Contrast Check

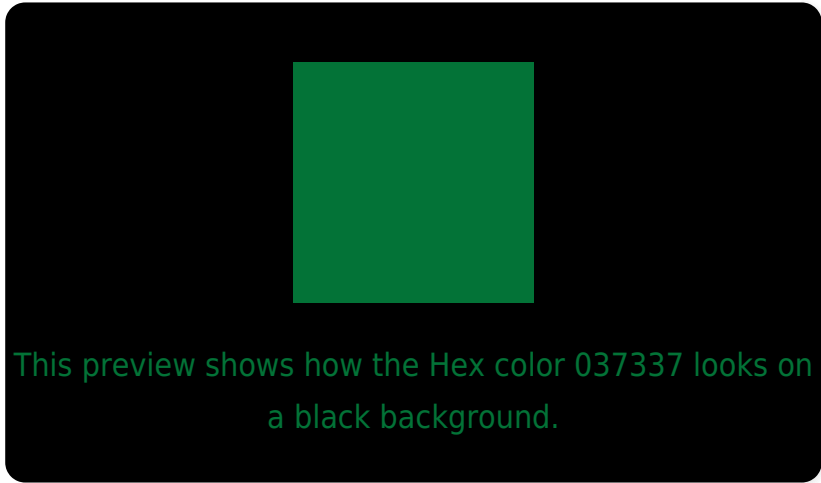
Large Text (above 18pt) WCAG AA ✓ Pass

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

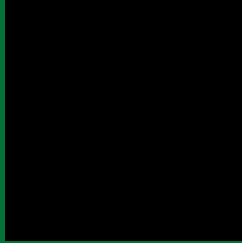
Any Text WCAG AA × Fail

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 037337 Background



This preview shows how black text looks on a background with the Hex color 037337.



This preview shows how white text looks on a background with the Hex color 037337.

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
037337

Protanopia
6D6332

Deuteranopia
785F3C



Tritanopia
2C6C75

Trichromacy



Original Color
037337



Protanomaly
466934



Deuteranomaly
4D663A



Tritanomaly
1D6F5E

Monochromacy



Original Color
037337



Achromatopsia
4B4B4B



Achromatomaly
315A44

CSS Examples

Text

The CSS property to change the color of the text to Hex 037337 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 #037337 looks like.

```
.text, #text, p{  
    color:#037337  
}
```

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 #037337 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #037337
}
```

Border

The CSS property to change the border of an element to Hex 037337 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".

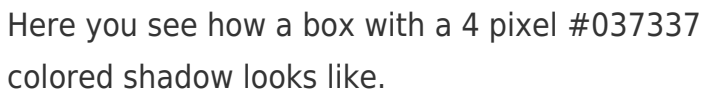
```
.border, #border, table{ border:4px solid
#037337 }
```

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

```
.border{ border-color:#037337 }
```

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

Here you see how a box with a 4 pixel #037337 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #037337; -webkit-box-shadow:4px 4px  
4px 4px #037337; box-shadow:4px 4px 4px  
4px #037337 }
```

Background

The CSS property to change the background color of an element to Hex 037337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#037337 }
```

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

```
.background{ background-color:#037337 }
```

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