

Converting Colors

Hex(037603)

Have a look what the booklet for
Hex(037603) contains.

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Color

Hex(037603)

Conversions

Conversions Part 1

Format	Color
Hex	037603
RGB	3, 118, 3
RGB Percent	1%, 46%, 1%
CMY	0.9882, 0.5373, 0.9882
CMYK	0.97, 0.00, 0.97, 0.54
HSL	120°, 95%, 24%
HSV	120°, 97%, 46%
XYZ	6.5324, 12.9828, 2.2478
YIQ	70.5050, -31.6250, -60.1450

Conversions

Conversions Part 2

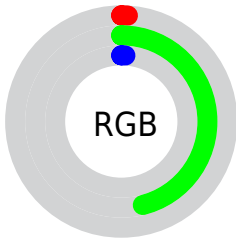
Format	Color
R_{YB}	3, 118, 118
Decimal	226819
CIE _{Lab}	42.74, -48.37, 46.41
CIE _{LCh}	43, 67.031, 136.187
Yxy	12.9828, 0.3002, 0.5966
Android (android.graphics.Color)	4278416899 (0xFF037603)
YUV	70.5050, -33.2800, -59.2019
Hunter-Lab	36.0317, -30.6939, 21.5234

Details

The Hex color **037603** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **760376**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **4FAB3F**, and **004400** is the 20% darker color. If you saturate the color by 10%, you get **007600**, and if you desaturate by 10%, it is **0F760F**.

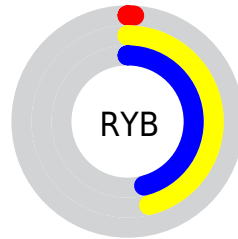
Distribution



Red (1%)

Green (46%)

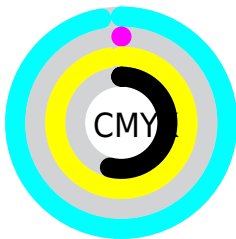
Blue (1%)



Red (1%)

Yellow (46%)

Blue (46%)

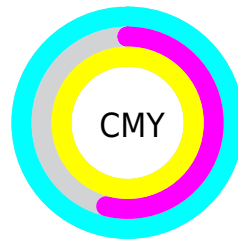


Cyan (97%)

Magenta (0%)

Yellow (97%)

Black (54%)



Cyan (99%)

Magenta (54%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 037603 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 037603 by changing the saturation by 10% instead.

 037603

 037603

FFFFFFE

 005D00

 4FAB3F

 004400

 6CC758

 002E00

 88E473

 001100

 A4FF8D

 000000

 C1FFA9

 DEFFC4

 FCFE1

 037603

 037603

■ 007600

■ 0F760F

■ 1B761B

■ 267626

■ 327632

■ 3E763E

■ 4A764A

■ 567656

■ 617661

■ 6D766D

Harmonies

Analogous

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



5F6C00



037603



007B48

Triad

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



037603



0073D2



C41B4A

Complementary

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



037603



760376

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.



B92181



037603



0062D1

Square

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



037603



007BB5



8B45B3



B33D12

Rectangle

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



037603



007C6F



8B45B3



C4145C

Sweetspot

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



037603



6D996D



767603



324D32



CCCCCC



4D4D4D

Same Dimension

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



037603



009900



03763C



353B35



007A00



00FA00

Inverse Universe

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



760376



990099



76033C



3B353B



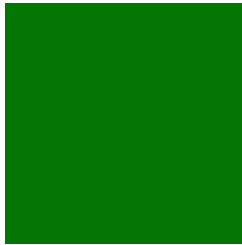
7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 037603 looks on a white background.

Color Contrast Check

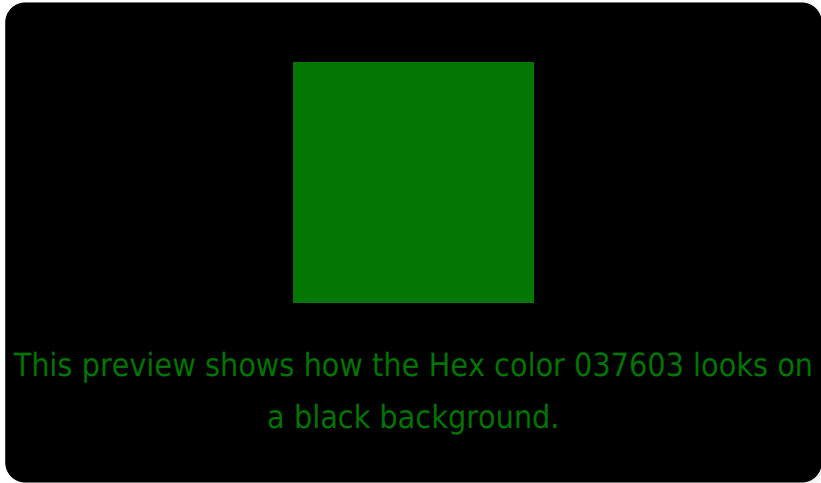
Large Text (above 18pt) WCAG AA ✓ Pass

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

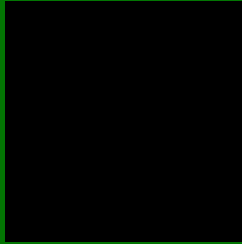
Any Text WCAG AA × Fail

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 037603 Background



This preview shows how black text looks on a background with the Hex color 037603.



This preview shows how white text looks on a background with the Hex color 037603.

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
037603

Protanopia
726500

Deuteranopia
7F601A



Tritanopia
326E77

Trichromacy



Original Color
037603



Protanomaly
4A6B01



Deuteranomaly
526812



Tritanomaly
21714D

Monochromacy



Original Color
037603



Achromatopsia
474747



Achromatomaly
2E582E

CSS Examples

Text

The CSS property to change the color of the text to Hex 037603 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 #037603 looks like.

```
.text, #text, p{  
    color:#037603  
}
```

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 #037603 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #037603
}
```

Border

The CSS property to change the border of an element to Hex 037603 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
#037603 }
```

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

```
.border{ border-color:#037603 }
```

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

Here you see how a box with a 4 pixel #037603 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #037603; -webkit-box-shadow:4px 4px  
4px 4px #037603; box-shadow:4px 4px 4px  
4px #037603 }
```

Background

The CSS property to change the background color of an element to Hex 037603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#037603 }
```

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

```
.background{ background-color:#037603 }
```

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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