

Converting Colors

Hex(037705)

Have a look what the booklet for
Hex(037705) contains.

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Color

Hex(037705)

Conversions

Conversions Part 1

Format	Color
Hex	037705
RGB	3, 119, 5
RGB Percent	1%, 47%, 2%
CMY	0.9882, 0.5333, 0.9804
CMYK	0.97, 0.00, 0.96, 0.53
HSL	121°, 95%, 24%
HSV	121°, 97%, 47%
XYZ	6.6618, 13.2240, 2.3450
YIQ	71.3200, -32.5420, -60.0460

Conversions

Conversions Part 2

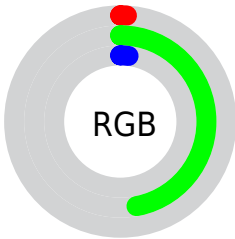
Format	Color
R_{YB}	3, 117, 119
Decimal	227077
CIE _{Lab}	43.10, -48.58, 46.25
CIE _{LCh}	43, 67.078, 136.410
Yxy	13.2240, 0.2997, 0.5949
Android (android.graphics.Color)	4278417157 (0xFF037705)
YUV	71.3200, -32.6958, -59.9166
Hunter-Lab	36.3648, -30.9384, 21.6321

Details

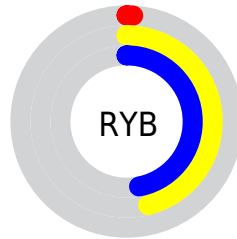
The Hex color **037705** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **770375**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4FAC40**, and **004500** is the 20% darker color. If you saturate the color by 10%, you get **007702**, and if you desaturate by 10%, it is **0F7711**.

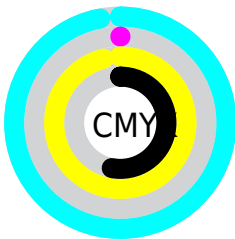
Distribution



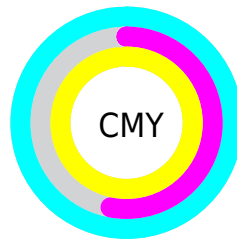
- Red (1%)
- Green (47%)
- Blue (2%)



- Red (1%)
- Yellow (46%)
- Blue (47%)



- Cyan (97%)
- Magenta (0%)
- Yellow (96%)
- Black (53%)



- Cyan (99%)
- Magenta (53%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 037705 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 037705 by changing the saturation by 10% instead.

 037705

 037705

FFFFFF

 005D00

 4FAC40

 004500

 6CC85A

 002E00

 88E574

 001300

 A5FF8F

 000000

 C2FFAA

 DFFFC6

 FDFFE2

 037705

 037705

■ 007702

■ 0F7711

■ 1B771C

■ 277728

■ 337734

■ 3F773F

■ 4A774B

■ 567757

■ 627763

■ 6E776E

Harmonies

Analogous

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



606D00



037705



007C4A

Triad

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



037705



0074D3



C51C4A

Complementary

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



037705



770375

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.



BA2281



037705



0062D2

Square

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



037705



007CB6



8C46B3



B43E13

Rectangle

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



037705



007D71



8C46B3



C5165C

Sweetspot

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



037705



6E9C6F



757703



334F34



CFCFCF



4F4F4F

Same Dimension

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



037705



009C03



03773F



353B35



007A02



00FA04

Inverse Universe

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



770375



9C0099



77033B



3B353B



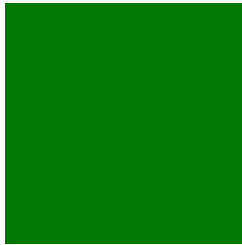
7A0078



FA00F6

Previews

White Background



This preview shows how the Hex color 037705 looks on a white background.

Color Contrast Check

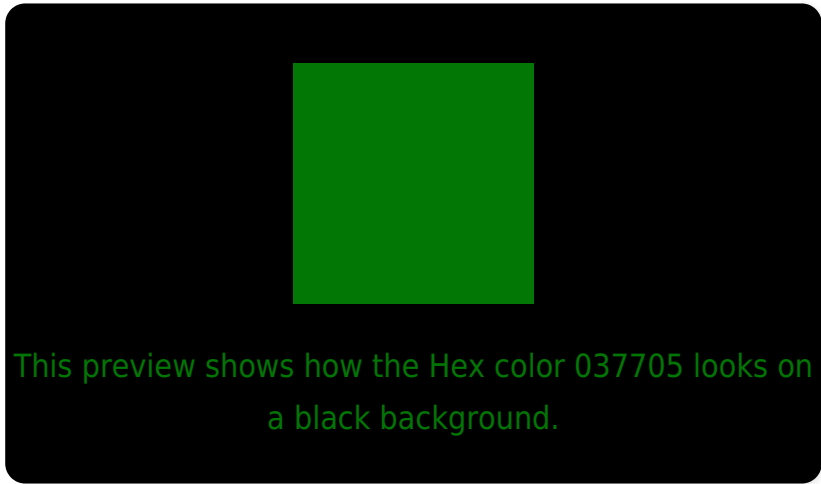
Large Text (above 18pt) WCAG AA ✓ Pass

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

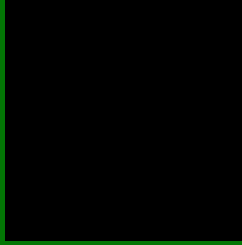
Any Text WCAG AA × Fail

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 037705 Background



This preview shows how black text looks on a background with the Hex color 037705.




This preview shows how white text looks on a background with the Hex color 037705.

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





Tritanopia
326F78

Trichromacy



Original Color
037705



Protanomaly
4A6C02



Deuteranomaly
536812

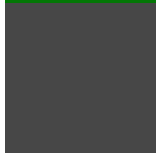


Tritanomaly
21724E

Monochromacy



Original Color
037705



Achromatopsia
474747



Achromatomaly
2E582F

CSS Examples

Text

The CSS property to change the color of the text to Hex 037705 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 #037705 looks like.

```
.text, #text, p{  
    color:#037705  
}
```

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 #037705 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #037705
}
```

Border

The CSS property to change the border of an element to Hex 037705 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".

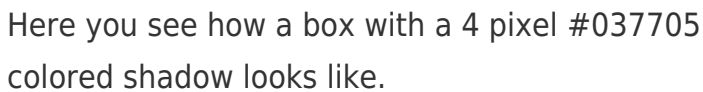
```
.border, #border, table{ border:4px solid
#037705 }
```

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

```
.border{ border-color:#037705 }
```

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

Here you see how a box with a 4 pixel #037705 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #037705; -webkit-box-shadow:4px 4px  
4px 4px #037705; box-shadow:4px 4px 4px  
4px #037705 }
```

Background

The CSS property to change the background color of an element to Hex 037705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#037705 }
```

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

```
.background{ background-color:#037705 }
```

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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