

# Converting Colors

Hex(037606)

Have a look what the booklet for  
Hex(037606) contains.

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**Color**

**Hex(037606)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	037606
RGB	3, 118, 6
RGB Percent	1%, 46%, 2%
CMY	0.9882, 0.5373, 0.9765
CMYK	0.97, 0.00, 0.95, 0.54
HSL	122°, 95%, 24%
HSV	122°, 97%, 46%
XYZ	6.5489, 12.9894, 2.3343
YIQ	70.8470, -32.5880, -59.2120

# Conversions

## Conversions Part 2

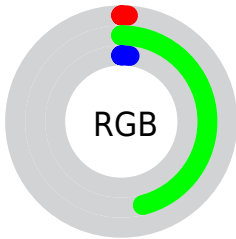
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 115, 118
Decimal	226822
CIE <sub>Lab</sub>	42.75, -48.24, 45.73
CIE <sub>LCh</sub>	43, 66.469, 136.532
Yxy	12.9894, 0.2994, 0.5939
Android (android.graphics.Color)	4278416902 (0xFF037606)
YUV	70.8470, -31.9696, -59.5018
Hunter-Lab	36.0408, -30.6367, 21.3884

# Details

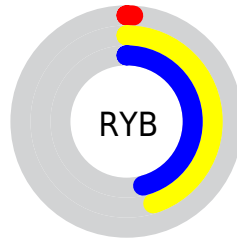
The Hex color **037606** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **760373**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **4FAB40**, and **004400** is the 20% darker color. If you saturate the color by 10%, you get **007603**, and if you desaturate by 10%, it is **0F7611**.

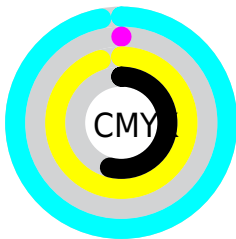
# Distribution



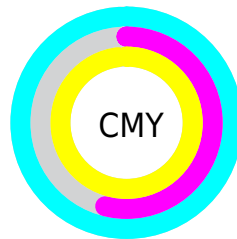
- Red (1%)
- Green (46%)
- Blue (2%)



- Red (1%)
- Yellow (45%)
- Blue (46%)



- Cyan (97%)
- Magenta (0%)
- Yellow (95%)
- Black (54%)



- Cyan (99%)
- Magenta (54%)
- Yellow (98%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 037606 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 037606 by changing the saturation by 10% instead.



 037606

 037606

FFFFFF

 005D00

 4FAB40

 004400

 6BC75A

 002E00

 88E474

 001100

 A4FF8F

 000000

 C1FFAA

 DEFFC6

 FCFE2

 037606

 037606

■ 007603

■ 0F7611

■ 1B761D

■ 267628

■ 327634

■ 3E763F

■ 4A764B

■ 567656

■ 617662

■ 6D766D

# Harmonies

## Analogous

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



5F6C00



037606



007B49

# Triad

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



037606



0073D1



C31D49

# Complementary

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



037606



760373

# 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.



B92280



037606



0061D0

# Square

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



037606



007BB4



8B45B1



B33E13

# Rectangle

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



037606



007C70



8B45B1



C3175B



# Sweetspot

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



037606



6D996E



747603



324D32



CCCCCC



4D4D4D



# Same Dimension

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



037606



009904



03763E



353B35



007A03



00FA07



# Inverse Universe

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



760373



990095



76033B



3B353A



7A0077

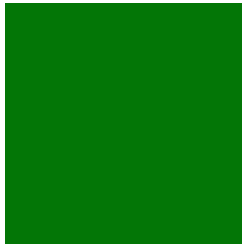


FA00F3



# Previews

## White Background



This preview shows how the Hex color 037606 looks on a white background.

## Color Contrast Check

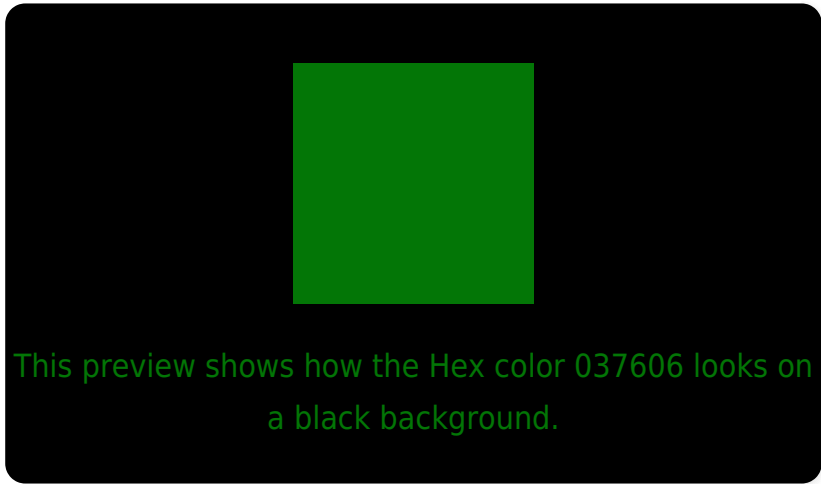
Large Text (above 18pt) WCAG AA ✓ Pass

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 037606 Background



This preview shows how black text looks on a background with the Hex color 037606.



This preview shows how white text looks on a background with the Hex color 037606.

# 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**  
037606

**Deuteranopia**  
7F601A

**Tritanopia**  
326E77

# Trichromacy



**Original Color**  
037606

**Deuteranomaly**  
526813

**Tritanomaly**  
21714E

# Monochromacy



**Original Color**  
037606

**Achromatopsia**  
474747

**Achromatomaly**  
2E582F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 037606 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 #037606 looks like.

```
.text, #text, p{  
    color:#037606  
}
```

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 #037606 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #037606
}
```

## Border

The CSS property to change the border of an element to Hex 037606 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".

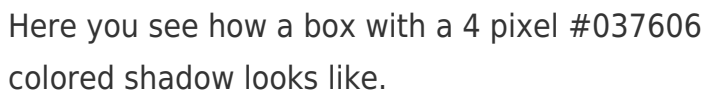
```
.border, #border, table{ border:4px solid
#037606 }
```

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

```
.border{ border-color:#037606 }
```

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

Here you see how a box with a 4 pixel #037606 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #037606; -webkit-box-shadow:4px 4px  
4px 4px #037606; box-shadow:4px 4px 4px  
4px #037606 }
```

# Background

The CSS property to change the background color of an element to Hex 037606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#037606 }
```

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

```
.background{ background-color:#037606 }
```

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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