

# Converting Colors

Hex(037436)

Have a look what the booklet for  
Hex(037436) contains.

<b>Hex(037436)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(037436)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	037436
RGB	3, 116, 54
RGB Percent	1%, 45%, 21%
CMY	0.9882, 0.5451, 0.7882
CMYK	0.97, 0.00, 0.53, 0.55
HSL	147°, 95%, 23%
HSV	147°, 97%, 45%
XYZ	6.9488, 12.7765, 5.5899
YIQ	75.1450, -47.4460, -43.2380

# Conversions

## Conversions Part 2

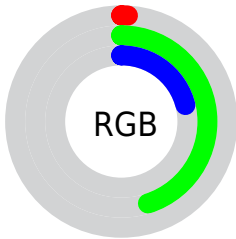
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 81, 116
Decimal	226358
CIELab	42.42, -42.76, 26.40
CIElCh	42, 50.252, 148.309
Yxy	12.7765, 0.2745, 0.5047
Android (android.graphics.Color)	4278416438 (0xFF037436)
YUV	75.1450, -10.4245, -63.2712
Hunter-Lab	35.7442, -27.8513, 15.7488

# Details

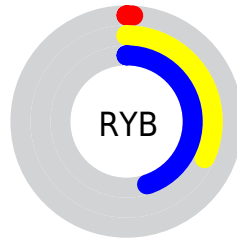
The Hex color **037436** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **740341**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4CA966**, and **004208** is the 20% darker color. If you saturate the color by 10%, you get **007434**, and if you desaturate by 10%, it is **0F743C**.

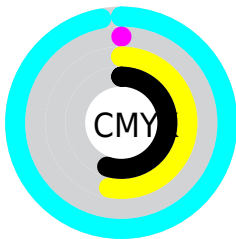
# Distribution



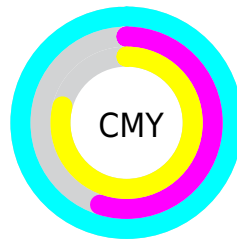
- Red (1%)
- Green (45%)
- Blue (21%)



- Red (1%)
- Yellow (32%)
- Blue (45%)



- Cyan (97%)
- Magenta (0%)
- Yellow (53%)
- Black (55%)



- Cyan (99%)
- Magenta (55%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 037436 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 037436 by changing the saturation by 10% instead.



 037436

 037436

FFFFFF

 005B1F

 4CA966

 004208

 68C580

 002C00

 84E19A

 001000

 A0FEB5

 000000

 BCFFD1

 D9FFED

 F7FFFF

 037436

 037436

■ 007434

■ 0F743C

■ 1A7443

■ 267449

■ 31744F

■ 3D7456

■ 49745C

■ 547463

■ 607469

■ 6B746F

# Harmonies

## Analogous

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



526D0F



037436



007760

# Triad

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



037436



006AB7



AC403F

# Complementary

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



037436



740341

# 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.



AC3A68



037436



5E5AAE

# Square

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



037436



0073AA



944790



9A511B

# Rectangle

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



037436



00777D



944790



AE3C4D



# Sweetspot

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



037436



6B967F



417403



324D3E



CCCCCC



4D4D4D



# Same Dimension

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



037436



009644



03746E



353B37



007A37



00FA71



# Inverse Universe

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



740341



960053



740309



3B3538



7A0043



FA0089



# Previews

## White Background



This preview shows how the Hex color 037436 looks on a white background.

## Color Contrast Check

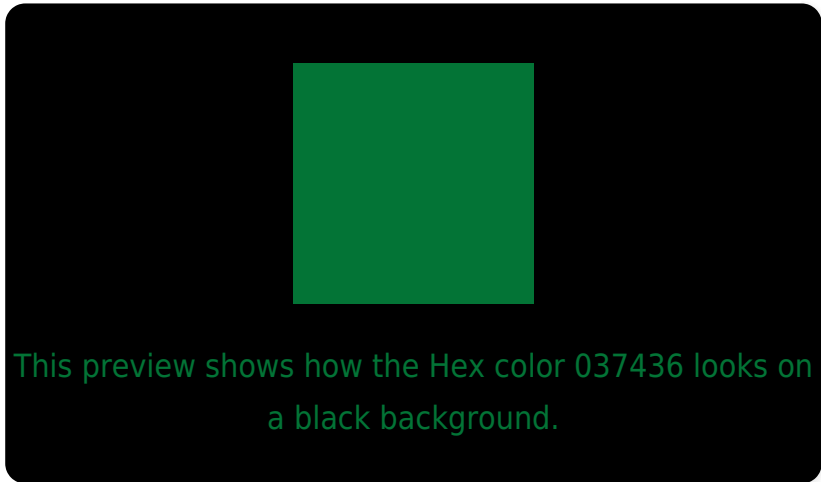
Large Text (above 18pt) WCAG AA ✓ Pass

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 037436 Background



This preview shows how black text looks on a background with the Hex color 037436.



This preview shows how white text looks on a background with the Hex color 037436.

# 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**  
2D6D76

# Trichromacy



**Original Color**  
037436



**Protanomaly**  
486A33



**Deuteranomaly**  
4E6739



**Tritanomaly**  
1E705F

# Monochromacy



**Original Color**  
037436



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
315A43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 037436 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 #037436 looks like.

```
.text, #text, p{  
    color:#037436  
}
```

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 #037436 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #037436
}
```

## Border

The CSS property to change the border of an element to Hex 037436 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
#037436 }
```

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

```
.border{ border-color:#037436 }
```

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

Here you see how a box with a 4 pixel #037436 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #037436; -webkit-box-shadow:4px 4px  
4px 4px #037436; box-shadow:4px 4px 4px  
4px #037436 }
```

# Background

The CSS property to change the background color of an element to Hex 037436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#037436 }
```

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

```
.background{ background-color:#037436 }
```

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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